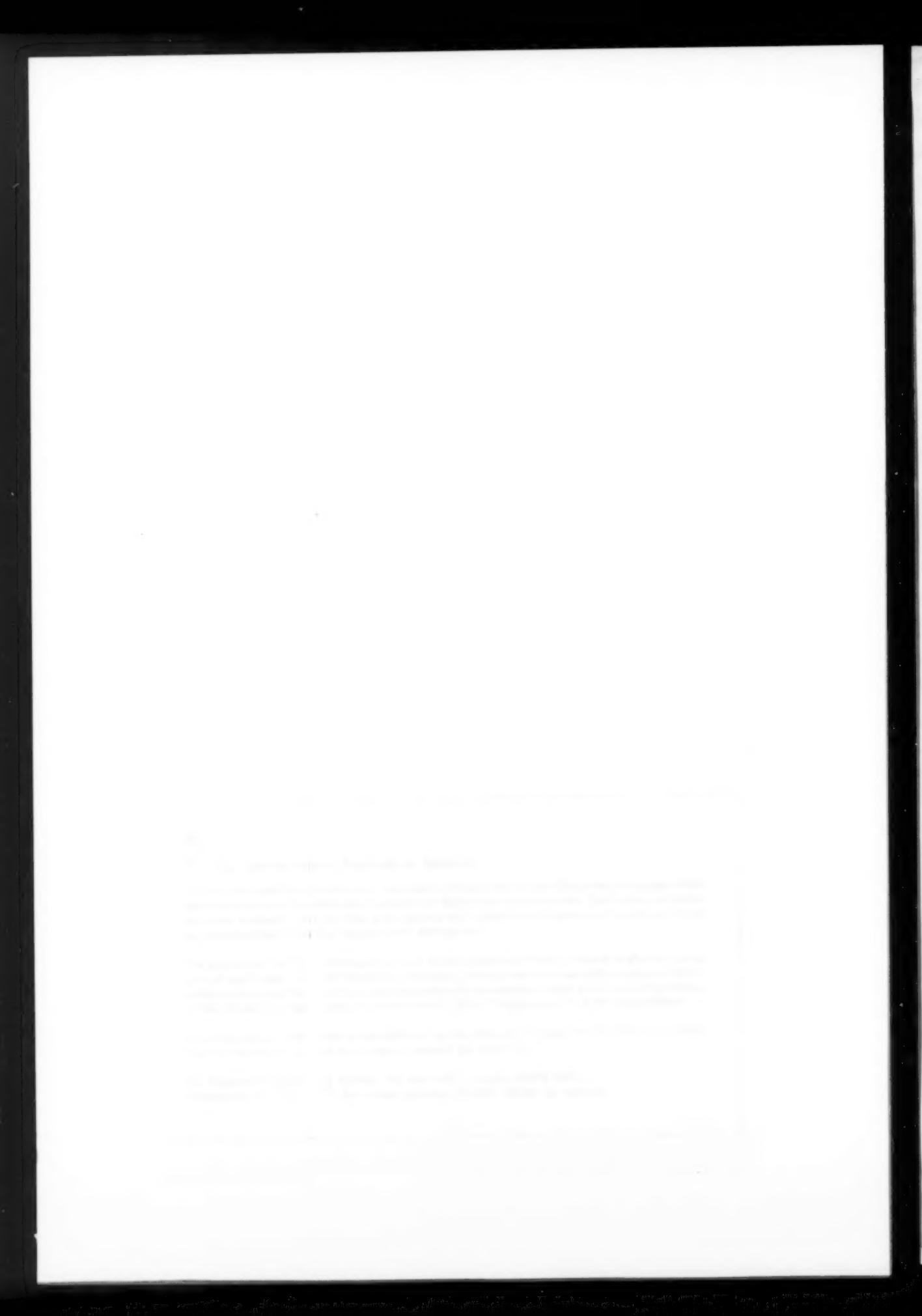


# Monthly Digest of Statistics

No 513  
September 1988



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**Monthly Digest of Statistics**

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**CORRECTIONS**

Tables 1.1 to 1.5 inclusive contained many series in which the figures did not reflect the latest revisions. Other series were more seriously inaccurate, in that they were labelled as revalued at 1985 prices (or were indexed numbers labelled as based on such revaluations) when in fact they still reflected 1980 prices. Some index number series contained numbers based on 1985 for the years 1983 and later, while earlier numbers were still based on 1980.

The enclosed tables correct these errors. They also incorporate further information which has become available since the September issue of the Monthly Digest.

It is hoped that fuller sets of figures will be available for the October issue of Monthly Digest. Longer-run National Accounts series will be published in the Annex tables to the regular National Income article in the October issue of Economic Trends.

**October 1988**

# 1.1 Expenditure on the gross domestic product

£ million

At current prices											
Gross domestic product (expenditure based measure) at market prices <sup>1</sup>	Gross domestic product (expenditure based measure) at factor cost <sup>2</sup>	Final expenditure on goods and services at market prices									
		Total	Consumers' expenditure	General government consumption	Gross domestic fixed capital formation	Value of physical increase in stocks and work in progress	Exports of goods and services	Imports of goods and services	Taxes on expenditure	Subsidies	
DJAF	DJAE	DJAK	AIIK	AAXI	DFDC	DHBF	DJAD	DJAG	AAXC	AAXJ	
1980 231 209	200 453	268 833	137 896	49 022	41 581	-2 572	62 926	57 624	36 475	5 719	
1981 254 832	218 736	315 253	153 566	55 457	41 304	-2 768	67 694	60 421	42 465	6 369	
1982 277 607	236 951	345 642	168 545	60 446	44 824	-1 188	73 015	68 035	46 467	5 811	
1983 303 218	260 027	381 113	184 619	65 873	48 615	1 465	80 541	77 895	49 460	6 269	
1984 323 325	278 278	416 313	197 494	69 884	55 025	1 561	92 349	92 988	52 585	7 536	
1985 353 730	304 208	452 896	215 267	73 995	60 283	569	102 782	99 166	56 724	7 202	
1986 377 712	321 118	479 294	236 756	79 685	63 797	572	98 484	101 582	62 700	6 106	
1987 411 073	348 855	523 103	258 431	85 772	70 767	627	107 506	112 030	67 980	5 762	
<b>Unadjusted</b>											
1984 Q1 78 524	67 683	99 733	46 402	17 556	13 546	512	21 717	21 209	12 811	1 970	
Q2 77 445	66 691	100 383	48 325	16 992	12 531	484	22 071	22 938	12 562	1 808	
Q3 80 891	69 199	104 499	49 703	17 335	13 868	532	23 061	23 608	13 525	1 833	
Q4 86 465	74 705	111 698	53 064	18 001	15 080	53	25 500	25 233	13 687	1 927	
1985 Q1 84 941	73 471	111 056	50 501	19 149	15 749	64	25 593	26 115	13 788	2 318	
Q2 85 087	73 478	110 426	51 843	17 953	13 451	894	26 285	25 339	13 307	1 698	
Q3 89 696	76 700	113 566	54 753	18 077	14 999	707	25 030	23 870	14 611	1 615	
Q4 94 006	80 559	117 848	58 170	18 816	16 084	-1 096	25 874	23 842	15 018	1 571	
1986 Q1 91 689	78 493	115 302	55 239	20 471	15 806	367	23 419	23 613	14 899	1 703	
Q2 89 809	77 471	116 171	57 507	19 331	14 204	645	24 484	25 362	14 842	1 504	
Q3 94 356	79 605	120 204	60 452	19 598	16 278	-176	24 052	25 848	16 221	1 470	
Q4 100 858	85 549	127 617	63 558	20 285	17 509	-264	26 529	26 759	16 738	1 429	
1987 Q1 98 092	83 514	123 792	59 976	21 665	16 612	-75	25 614	25 700	16 395	1 817	
Q2 97 950	83 454	125 551	62 162	20 706	15 886	610	26 187	27 601	15 969	1 473	
Q3 105 506	89 132	135 068	66 384	21 419	18 048	1 431	27 766	29 562	17 625	1 251	
Q4 109 525	92 755	138 692	69 909	21 982	20 221	-1 339	27 919	29 167	17 991	1 221	
1988 Q1 105 630	89 728	134 373	66 116	23 020	19 428	274	25 535	28 743	17 691	1 789	
Q2 106 394	90 116	137 528	68 777	21 986	18 792	917	27 056	31 134	17 470	1 192	
<b>Seasonally adjusted</b>											
DJBB	DJBA	DIAB	AIIK	AAXV	DEC	DGAQ	DJAZ	DJBC	AAXP	AAXW	
1984 Q1 79 536	68 471	100 643	48 019	16 869	13 363	386	22 006	21 107	12 891	1 826	
Q2 79 655	68 463	102 298	49 299	17 252	13 485	46	22 216	22 643	13 062	1 890	
Q3 80 483	69 000	104 252	49 404	17 634	13 949	91	23 174	23 769	13 331	1 868	
Q4 83 671	72 344	109 120	50 772	18 129	14 226	1 038	24 953	25 449	13 281	1 954	
1985 Q1 86 073	74 381	112 413	52 312	18 297	15 583	-13	26 234	26 340	13 853	2 161	
Q2 87 682	75 596	112 673	52 881	18 272	14 661	427	26 432	24 991	13 858	1 772	
Q3 89 275	76 511	113 047	54 497	18 463	15 001	265	24 821	23 772	14 423	1 659	
Q4 90 700	77 720	114 763	55 577	18 963	15 038	-110	25 295	24 063	14 590	1 610	
1986 Q1 92 572	79 138	117 089	57 164	19 555	15 433	360	24 577	24 517	14 973	1 539	
Q2 93 750	79 854	118 188	58 715	19 707	15 541	137	24 068	24 438	15 481	1 585	
Q3 93 887	79 471	119 470	59 861	20 018	16 302	-662	23 951	25 583	15 932	1 516	
Q4 97 503	82 655	124 547	61 016	20 405	16 521	737	25 868	27 044	16 314	1 466	
1987 Q1 99 503	84 672	125 622	62 219	20 724	16 520	-101	26 260	26 119	16 452	1 621	
Q2 100 925	85 825	128 241	63 388	21 071	17 304	97	26 381	27 316	16 661	1 581	
Q3 104 675	88 698	133 893	65 414	21 858	18 029	924	27 668	29 218	17 277	1 300	
Q4 105 970	89 660	135 347	67 410	22 119	18 914	-293	27 197	29 377	17 570	1 260	
1988 Q1 107 516	91 320	136 480	68 803	22 105	19 518	112	25 942	28 964	17 813	1 617	
Q2 100 566	92 587	140 355	70 025	22 337	20 281	449	27 263	30 789	16 268	1 269	

1 Equals total final expenditure on goods and services at market prices

less imports of goods and services. In Table 1.1 (continued) market price gross domestic product is no longer given at constant prices so it can be calculated readily from the other constant price series using this relationship. In its place, additional information is given; see footnote 5.

2 Equals gross domestic product at market prices less taxes on expenditure plus subsidies.

3 Estimates of the gross domestic product at constant factor cost based on statistics of output are given in Table 1.3.

4 This represents taxes on expenditure less subsidies valued at constant rates.

5 The average measure of gross domestic product is, in concept, the unweighted arithmetic average of the corresponding expenditure based, income based and output based estimates. It is the generally preferred measure for comparisons of economic activity, taking place on UK territory, over a year or more. Unadjusted quarterly series are not available, since the calculation makes use of the output based measure, which is naturally estimated seasonally adjusted.

Source: Central Statistical Office

# 1.1

## Expenditure on the gross domestic product

continued

£ million

At 1985 prices

Gross domestic product (average measure) at factor cost <sup>5</sup>	Gross domestic product (expenditure based measure) at factor cost <sup>2,3</sup>	Final expenditure on goods and services at market prices								
		Total	Consumers' expenditure	General government consumption	Gross domestic fixed capital formation	Value of physical increase in stocks and work in progress	Exports of goods and services	Imports of goods and services	Adjustment to factor cost <sup>4</sup>	
1980	CAOP	DJCW	DJDA	CCBH	DJCZ	DFDM	DHBK	DJCV	DJCY	DJCU
276 495	277 238	403 713	193 806	71 050	53 416	-3 357	88 963	81 185	45 305	
1981	273 450	274 614	397 812	193 832	71 289	48 298	-3 191	88 205	78 922	44 246
1982	278 397	277 989	405 733	195 561	71 826	50 915	-1 289	89 000	82 847	44 895
1983	288 665	288 965	423 474	204 318	73 282	53 476	1 306	91 092	88 119	46 390
1984	293 538	292 723	438 114	207 927	73 974	58 075	1 072	97 066	98 674	48 717
1985	304 735	304 208	452 896	215 267	73 995	60 283	569	102 782	99 166	49 522
1986	313 950	312 875	470 261	226 839	75 379	60 834	572	106 637	105 602	51 784
1987	327 138	323 996	491 796	238 460	76 042	64 196	557	112 541	113 312	54 488
<b>Unadjusted</b>		DJCW	DJDA	CCBH	DJCZ	DFDM	DHBK	DJCV	DJCY	DJCU
1984 Q1	72 648	107 697	50 006	19 090	14 552	518	23 531	22 981	12 068	
Q2	70 298	106 171	50 914	18 229	13 431	136	23 461	24 304	11 569	
Q3	72 928	109 446	52 012	18 174	14 504	516	24 240	24 244	12 274	
Q4	76 849	114 800	54 995	18 481	15 588	-98	25 834	25 145	12 806	
1985 Q1	74 694	111 864	51 561	19 389	16 000	3	24 911	24 894	12 276	
Q2	73 857	110 300	51 872	18 015	13 542	1 004	25 867	24 848	11 595	
Q3	76 430	113 621	54 440	18 063	14 922	645	25 531	24 510	12 681	
Q4	79 227	117 111	57 394	18 508	15 819	-1 083	26 473	24 914	12 970	
1986 Q1	77 112	113 927	53 824	19 709	15 286	500	24 608	24 197	12 618	
Q2	75 798	114 596	55 246	18 291	13 586	584	26 889	26 857	12 141	
Q3	77 602	117 931	57 475	18 480	15 438	-166	26 704	27 174	13 155	
Q4	82 363	123 807	60 294	18 899	16 524	-346	28 436	27 574	13 870	
1987 Q1	79 541	118 645	56 082	19 809	15 619	-106	27 241	25 972	13 132	
Q2	77 722	118 339	57 562	18 373	14 473	489	27 442	27 901	12 716	
Q3	82 269	125 891	60 834	18 849	16 171	1 419	28 618	29 574	14 048	
Q4	84 464	128 921	63 982	19 011	17 933	-1 245	29 240	29 865	14 592	
1988 Q1	81 141	123 966	59 652	19 816	17 090	214	27 194	29 240	13 585	
Q2	79 466	124 365	60 708	18 586	15 998	760	28 313	31 675	13 224	
<b>Seasonally adjusted</b>		DJDH	DIAU	CAAB	DIAT	DECU	DGBA	DJDG	DJDJ	DIAS
1984 Q1	CAOP	73 424	108 419	51 512	18 332	14 406	340	23 829	22 925	12 070
Q2	72 752	108 583	52 159	18 608	14 404	-184	23 596	23 979	12 270	
Q3	73 253	109 168	51 776	18 448	14 570	91	24 281	24 433	12 137	
Q4	74 200	111 944	52 478	18 586	14 605	825	25 360	25 337	12 240	
1985 Q1	75 284	75 515	112 900	53 173	18 530	15 832	-197	25 562	25 133	12 252
Q2	76 348	76 211	112 952	53 159	18 437	14 756	603	25 997	24 484	12 257
Q3	76 490	76 254	113 208	54 246	18 409	14 917	324	25 312	24 436	12 518
Q4	76 613	76 228	113 836	54 689	18 619	14 778	-161	25 911	25 113	12 495
1986 Q1	77 761	77 638	115 470	55 540	18 843	14 907	368	25 812	25 161	12 671
Q2	78 275	78 375	116 928	56 666	18 759	14 872	172	26 459	25 889	12 864
Q3	78 244	77 347	117 449	57 073	18 808	15 469	-461	26 560	27 094	13 008
Q4	79 670	79 515	120 414	57 560	18 969	15 586	493	27 806	27 658	13 241
1987 Q1	80 463	80 359	119 901	58 019	18 806	15 455	-221	27 842	26 314	13 228
Q2	81 133	80 363	121 486	59 022	18 976	15 794	61	27 633	27 622	13 481
Q3	82 670	81 761	125 069	60 170	19 189	16 175	1 065	28 490	29 436	13 852
Q4	82 872	81 473	125 340	61 249	19 091	16 772	-348	28 576	29 940	13 927
1988 Q1	84 118	82 240	125 386	61 963	19 030	16 804	64	27 525	29 418	13 728
Q2	84 397	82 183	127 640	62 205	18 999	17 445	475	28 516	31 434	14 023

For footnotes 1 to 5 see page 6.

Source: Central Statistical Office

## 1.2 Factors incomes in the gross national product

£ million

Gross national product (expenditure based)										Factor incomes			
	At market prices	At factor cost	Net property income from abroad	Residual error	Gross domestic product (income based)	Total domestic income <sup>1</sup>	Income from employment <sup>2</sup>	Gross trading profits of companies <sup>3,4</sup>	Gross trading surplus of public corporations <sup>1,4</sup>	Gross trading surplus of general government enterprises <sup>1</sup>	Other income <sup>5</sup>	Stock appreciation	
1980	DJAN 231 013	DJAM 200 257	CGOA -196	DJAS 1 076	DJAL 199 377	DJAU 205 768	DJAO 137 639	CIAC 27 951	ADRD 6 162	DJAQ 160	DJAP 33 836	DJAT 6 391	
1981	256 042	219 946	1 210	1 020	217 716	223 690	149 584	27 940	7 821	236	38 109	5 974	
1982	279 053	238 397	1 448	-1 074	238 025	242 301	158 621	31 883	9 410	216	42 171	4 276	
1983	306 065	262 874	2 847	-898	260 925	265 129	169 580	39 810	9 918	50	45 771	4 204	
1984	327 758	282 711	4 433	-464	278 742	282 948	180 096	45 065	8 267	-92	49 592	4 206	
1985	356 530	307 008	2 800	-1 054	305 262	308 078	194 573	53 500	7 020	256	52 729	2 816	
1986	382 791	326 197	5 079	-2 711	323 829	325 834	209 542	51 358	8 016	105	56 813	2 005	
1987	416 596	354 378	5 523	-5 664	354 519	359 377	226 343	65 596	6 623	-177	60 992	4 858	
<b>Unadjusted</b>													
1984 Q1	79 378	68 537	854	102	67 581	68 897	43 526	10 391	2 926	-13	12 067	1 316	
Q2	78 344	67 590	899	-1 303	67 994	69 070	44 396	10 531	1 869	-27	12 301	1 076	
Q3	82 188	70 496	1 297	-238	69 437	70 171	45 341	10 899	1 422	-2	12 511	734	
Q4	87 848	76 088	1 383	975	73 730	74 810	46 833	13 264	2 050	-50	12 713	1 080	
1985 Q1	85 825	74 355	884	62	73 409	75 075	46 807	13 672	1 494	160	12 942	1 666	
Q2	85 810	74 201	723	-1 558	75 036	75 410	48 096	12 618	1 646	-15	13 063	374	
Q3	90 739	77 743	1 043	163	76 537	76 644	49 390	12 443	1 549	42	13 220	107	
Q4	94 156	80 709	150	279	80 280	80 949	50 278	14 767	2 331	69	13 504	689	
1986 Q1	92 707	79 511	1 018	-684	79 177	79 003	50 541	12 242	2 448	41	13 821	-84	
Q2	92 094	78 756	1 285	-1 861	79 332	79 342	51 975	11 405	1 916	17	14 029	10	
Q3	95 956	81 205	1 600	-851	80 456	81 260	52 902	12 626	1 331	49	14 350	804	
Q4	102 034	86 725	1 176	685	84 864	86 139	54 124	15 083	2 321	-2	14 613	1 275	
1987 Q1	99 710	85 132	1 618	-707	84 221	85 578	54 017	14 809	1 749	33	14 880	1 357	
Q2	99 357	84 861	1 407	-2 866	86 320	87 676	55 888	15 296	1 526	-108	15 074	1 356	
Q3	107 047	90 673	1 541	-922	90 054	91 169	57 310	17 170	1 323	-37	15 403	1 115	
Q4	110 482	93 712	957	-1 169	93 924	94 954	59 128	18 231	2 025	-65	15 635	1 030	
1988 Q1	106 997	91 095	1 367	-3 523	93 251	94 639	59 471	17 255	1 912	37	15 964	1 388	
Q2	107 870	91 592	1 476	-4 992	95 108	96 692	61 120	17 654	1 635	14	16 269	1 584	
<b>Seasonally adjusted</b>													
1984 Q1	DJBG 80 432	DJBF 69 367	AIMD 896	DJDS 480	DJBE 67 991	DIAD 68 930	DIAC 43 948	CIAD 10 424	ADRO 2 504	DJAQ -13	DJAP 12 067	DJCE 939	
Q2	80 527	69 335	872	-220	68 683	69 933	44 421	11 125	2 113	-27	12 301	1 250	
Q3	81 428	69 965	965	-997	69 997	71 014	45 156	11 367	1 982	-2	12 511	1 017	
Q4	85 371	74 044	1 700	273	72 071	73 071	46 571	12 169	1 668	-50	12 713	1 000	
1985 Q1	86 991	75 299	918	435	73 946	75 178	47 249	13 714	1 113	160	12 942	1 232	
Q2	88 360	76 274	678	-236	75 832	76 394	48 122	13 350	1 874	-15	13 063	562	
Q3	90 089	77 325	814	-515	77 026	77 448	49 234	12 819	2 133	42	13 220	422	
Q4	91 090	78 110	390	-738	78 458	79 058	49 968	13 617	1 900	69	13 504	600	
1986 Q1	93 500	80 156	1 018	-973	80 111	79 567	51 017	12 691	1 997	41	13 821	-544	
Q2	94 984	81 068	1 234	-206	80 060	80 248	51 993	12 049	2 160	17	14 029	188	
Q3	95 306	80 890	1 419	-1 186	80 857	81 784	52 754	12 734	1 897	49	14 350	1 127	
Q4	98 911	84 063	1 408	-346	83 001	84 235	53 778	13 884	1 962	-2	14 613	1 234	
1987 Q1	101 055	86 224	1 552	-868	85 340	86 259	54 531	15 220	1 595	33	14 880	919	
Q2	102 275	87 175	1 350	-1 418	87 243	88 746	55 907	16 242	1 631	-108	15 074	1 503	
Q3	106 099	90 122	1 424	-1 563	90 261	91 689	57 156	17 485	1 682	-37	15 403	1 428	
Q4	107 167	90 857	1 197	-2 015	91 675	92 683	58 749	16 649	1 715	-65	15 635	1 008	
1988 Q1	108 762	92 566	1 246	-3 179	94 499	95 509	60 024	17 770	1 714	37	15 964	1 010	
Q2	111 075	94 096	1 509	-3 289	95 876	97 555	61 127	18 382	1 783	14	16 269	1 679	

1 Before providing for depreciation and stock appreciation.

2 Wages and salaries, forces' pay and employers' contributions.

3 Including Financial institutions.

4 The figures reflect the privatisation of British Telecom with effect from 28 November 1984, British Gas from 3 December 1986, British Airways from

6 February 1987, Royal Ordnance plc from 22 April 1987, and BAA plc from 16 July 1987.

5 Income from rent and self-employment and the imputed charge for consumption of non-trading capital.

Source: Central Statistical Office

# 1.3 Index numbers: gross domestic product (average estimate); and output at constant factor cost

1985 = 100

Gross domestic product (average estimate) <sup>1</sup>				Output at constant factor cost									
	1985 prices		Gross domestic product (output based measure) <sup>1</sup>	Service industries									
	At current market prices	At current factor cost		At constant market prices	At constant factor cost	Agriculture, forestry and fishing	Total production industries	Construction <sup>2</sup>	Distribution, hotels and catering; repairs	Transport and communication	Other services		
1985 weights						1 000	19	344	59	134	70	374	576
	DJCL	CAON	FNAO	DJDD	DSAE	CKAP	DVIM	DVJO	CKAQ	CKAR	CKAS	CKCE	
1980	65.1	65.8	90.8	90.7	90.2	85.2	92.5	88.7	87.7	91.0	89.4	89.2	
1981	71.7	71.5	89.7	89.7	89.0	87.4	89.6	81.8	86.3	91.2	90.3	89.5	
1982	78.5	77.9	91.3	91.4	90.9	94.7	91.3	88.3	87.9	90.3	91.9	90.8	
1983	85.5	85.2	94.6	94.7	94.0	89.6	94.7	93.9	91.7	93.0	94.6	93.7	
1984	91.5	91.6	96.6	96.3	96.6	105.1	94.9	98.5	95.8	97.1	97.6	97.1	
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
1986	106.9	105.7	103.2	103.0	102.9	100.8	102.3	100.9	103.9	104.6	103.1	103.5	
1987	117.0	115.6	107.7	107.4	107.7	99.4	106.2	108.7	110.2	110.9	107.9	108.8	
<b>Seasonally adjusted</b>													
1978 Q3	..	..	..	..	91.0	79	96.5	94.3	92	89	86	87.5	
Q4	..	..	..	..	91.2	78	96.3	93.1	93	90	86	88.3	
1979 Q1	..	..	..	..	90.7	76	96.6	89.6	91	87	86	87.6	
Q2	..	..	..	..	94.3	75	101.2	95.1	97	94	86	90.7	
Q3	..	..	..	..	93.0	76	99.1	95.6	91	96	86	89.6	
Q4	..	..	..	..	93.5	79	99.1	95.1	94	94	86	90.3	
1980 Q1	..	..	..	..	92.6	83	97.6	93.1	91	94	89	90.0	
Q2	..	..	..	..	90.9	85	93.8	90.1	89	92	89	89.4	
Q3	..	..	..	..	89.4	86	90.4	89.2	86	89	90	88.8	
Q4	..	..	..	..	88.0	86	88.4	82.5	85	88	90	88.5	
1981 Q1	..	..	..	..	88.5	86	88.3	84.1	87	90	90	89.2	
Q2	..	..	..	..	88.6	86	88.6	81.4	87	90	90	89.3	
Q3	..	..	..	..	89.4	88	90.1	82.7	87	92	90	89.8	
Q4	..	..	..	..	89.5	90	91.1	79.1	85	93	91	89.7	
1982 Q1	..	..	..	..	90.1	93	90.4	85.8	87	90	91	90.3	
Q2	..	..	..	..	90.8	96	91.9	87.3	87	91	91	90.3	
Q3	..	..	..	..	91.3	96	91.9	89.2	88	89	92	90.8	
Q4	..	..	..	..	91.5	94	91.1	90.8	89	91	93	91.7	
1983 Q1	83.3	82.9	93.3	93.3	92.6	90	93.0	92.6	90	91	94	92.5	
Q2	84.1	83.6	94.2	94.4	93.2	87	94.0	91.3	91	93	94	93.2	
Q3	86.3	86.2	94.9	95.1	94.5	88	95.3	95.3	92	93	95	94.2	
Q4	88.3	88.2	95.9	96.1	95.6	93	96.5	96.5	93	95	96	95.1	
1984 Q1	89.7	89.8	96.4	96.3	96.5	101	97.2	97.6	94	95	97	95.9	
Q2	90.4	90.4	96.0	95.5	96.2	107	94.3	98.7	95	96	97	96.7	
Q3	91.6	91.4	96.4	96.2	96.4	108	93.5	99.5	96	98	98	97.5	
Q4	94.3	94.7	97.6	97.4	97.3	105	94.8	98.2	98	99	99	98.4	
1985 Q1	96.9	97.3	98.8	98.8	98.8	101	97.8	100.5	99	100	99	99.1	
Q2	99.2	99.4	100.0	100.2	100.3	99	101.3	99.5	100	100	100	99.7	
Q3	101.1	100.7	100.5	100.4	100.3	99	100.9	98.7	100	100	100	100.2	
Q4	102.9	102.5	100.6	100.6	100.6	100	99.9	101.1	101	101	101	101.0	
1986 Q1	104.7	104.0	102.1	102.1	101.1	100	101.3	96.8	101	103	101	101.5	
Q2	105.7	104.7	102.9	102.7	102.2	101	101.5	101.2	103	103	102	102.8	
Q3	107.0	105.5	103.0	102.7	103.5	101	102.8	101.7	105	105	104	104.2	
Q4	110.3	108.7	104.9	104.6	104.5	100	103.6	103.8	106	108	105	105.5	
1987 Q1	112.5	111.3	105.8	105.6	105.0	100	103.9	107.2	107	106	106	105.8	
Q2	114.9	113.7	106.8	106.5	106.7	99	105.3	105.7	109	111	107	108.0	
Q3	119.3	117.7	109.0	108.5	108.9	99	107.2	109.1	112	114	109	110.1	
Q4	121.4	119.7	109.3	108.8	110.0	99	108.5	112.8	113	113	110	111.3	
1988 Q1	123.8	122.6	110.5	110.4	111.6	100	108.1	118.3	116	116	112	113.2	
Q2	126.5	124.8	111.1	110.8	112.8	99	109.9	118.1	117	117	113	114.7	

1 Estimates of the gross domestic product obtained from statistics of expenditure are given in Table 1.1.

2 Based on the net output of incorporated concerns and the self-employed, using information from the Annual Census of Construction and from the Inland Revenue.

Source: Central Statistical Office

# 1.4 Personal income, expenditure and saving

£ million

Personal income before tax													Real personal disposable income at 1985 prices <sup>5</sup>	Index of real personal disposable income (1985 = 100)
Total <sup>1</sup>	Wages salaries and forces' pay	Employers' contributions	Current grants from general government	Other personal income <sup>1</sup>	United Kingdom taxes on income (payments)	Social security contributions	Other current transfers	Total personal disposable income <sup>2,3</sup>	Consumers' expenditure	Balance: personal saving <sup>3</sup>	Saving ratio <sup>4</sup>	CFAG		
	AIJA	AIID	AIIE	AIIF	AIIG	AIIH	AIJC	AIJL	AIIK	AAAU	AIIM	CFAD		
1981	222 203	127 884	21 700	31 242	41 377	28 969	15 916	1 234	176 084	153 566	22 518	12.8	222 254	93.5
1982	241 959	136 245	22 376	36 584	48 754	31 396	18 095	1 387	191 081	168 545	22 536	11.8	221 709	93.2
1983	261 366	145 469	24 111	39 843	51 943	33 230	20 780	1 401	205 955	184 619	21 336	10.4	227 931	95.8
1984	279 166	155 117	24 979	43 026	56 041	34 612	22 312	1 478	226 764	197 494	23 270	10.5	232 426	97.7
1985	301 217	168 566	26 005	46 757	59 887	37 559	24 191	1 665	237 802	215 267	22 535	9.5	237 802	100.0
1986	324 327	182 614	26 928	50 729	64 056	40 918	26 033	1 877	255 499	236 756	18 743	7.3	244 797	102.9
1987	347 928	198 191	28 152	52 478	69 107	44 074	28 449	2 099	273 306	258 431	14 875	5.4	252 185	106.0
<b>Unadjusted</b>														
1983 Q1	63 257	35 182	5 770	9 743	12 562	8 545	4 799	349	49 564	43 351	6 213	12.5	55 945	94.1
Q2	64 436	35 992	6 033	9 844	12 567	7 574	5 239	350	51 273	44 513	6 760	13.2	56 987	95.9
Q3	66 218	36 800	6 126	10 007	13 285	8 333	5 329	356	52 200	47 283	4 917	9.4	57 418	96.6
Q4	67 455	37 495	6 182	10 249	13 529	8 778	5 413	346	52 918	49 472	3 446	6.5	57 581	96.9
1984 Q1	67 632	37 427	6 099	10 619	13 487	8 678	5 355	359	53 240	46 402	6 838	12.8	57 358	96.5
Q2	68 931	38 199	6 197	10 612	13 923	8 081	5 520	367	54 963	48 325	6 638	12.1	57 890	97.4
Q3	70 113	39 063	6 278	10 666	14 106	8 793	5 639	378	55 303	49 703	5 600	10.1	57 854	97.3
Q4	72 490	40 428	6 405	11 132	14 525	9 060	5 798	374	57 258	53 064	4 194	7.3	59 324	99.8
1985 Q1	72 529	40 488	6 319	11 399	14 323	9 197	5 763	402	57 167	50 501	6 666	11.7	58 348	98.1
Q2	74 869	41 627	6 471	11 572	15 199	8 623	6 024	415	59 807	51 843	7 964	13.3	59 821	100.6
Q3	76 279	42 819	6 571	11 764	15 125	9 831	6 181	423	59 844	54 753	5 091	8.5	59 482	100.1
Q4	77 540	43 634	6 644	12 022	15 240	9 908	6 223	425	60 984	58 170	2 814	4.6	60 151	101.2
1986 Q1	78 179	43 962	6 579	12 346	15 292	10 041	6 200	462	61 476	55 239	5 237	10.1	59 883	100.7
Q2	80 601	45 282	6 693	12 593	16 033	9 485	6 443	459	64 214	57 507	6 707	10.4	61 671	103.7
Q3	82 096	46 132	6 770	12 790	16 404	10 332	6 609	480	64 675	60 452	4 223	6.5	61 472	103.4
Q4	83 451	47 238	6 886	13 000	16 327	11 060	6 781	476	65 134	63 558	1 576	2.4	61 771	103.9
1987 Q1	83 591	47 227	6 790	12 663	16 911	10 721	6 734	520	65 616	59 976	5 640	8.6	61 339	103.2
Q2	85 932	48 935	6 953	13 241	16 803	10 113	6 982	513	66 324	62 162	6 162	9.0	63 250	106.4
Q3	88 484	50 180	7 130	13 214	17 960	11 311	7 272	528	69 373	66 384	2 989	4.3	63 555	106.9
Q4	89 921	51 849	7 279	13 360	17 433	11 929	7 461	538	69 993	69 909	84	0.1	64 041	107.7
1988 Q1	91 129	52 309	7 162	13 385	18 273	12 320	7 353	549	70 907	66 116	4 791	6.8	63 975	107.6
Q2	93 591	53 788	7 332	13 520	18 951	11 098	7 662	559	74 272	68 777	5 495	7.4	65 558	110.3
<b>Seasonally adjusted</b>														
1983 Q1	63 387	35 531	5 843	9 645	12 368	8 249	4 919	347	49 872	44 811	5 061	10.1	56 019	94.2
Q2	64 799	36 026	6 020	9 822	12 931	8 075	5 168	349	51 207	45 481	5 726	11.2	57 151	96.1
Q3	65 901	36 611	6 096	10 144	13 050	8 287	5 290	361	51 963	46 843	5 120	9.9	57 223	96.3
Q4	67 279	37 301	6 152	10 232	13 594	8 619	5 403	344	52 913	47 484	5 429	10.3	57 538	96.8
1984 Q1	67 982	37 775	6 173	10 425	13 589	8 371	5 475	357	53 759	48 019	5 740	10.7	57 672	97.0
Q2	69 080	38 231	6 190	10 629	14 010	8 703	5 463	365	54 529	49 299	5 230	9.6	57 694	97.0
Q3	70 111	38 906	6 250	10 820	14 135	8 733	5 595	384	55 399	49 404	5 995	10.8	58 063	97.7
Q4	72 033	40 205	6 366	11 155	14 307	8 805	5 779	372	57 077	50 772	6 305	11.0	58 997	99.2
1985 Q1	73 197	40 855	6 394	11 293	14 655	9 056	5 880	400	57 861	52 312	5 549	9.6	58 811	98.9
Q2	74 587	41 652	6 470	11 574	14 901	9 258	5 983	413	58 943	52 881	6 062	10.3	59 251	99.7
Q3	76 061	42 689	6 545	11 873	14 954	9 665	6 134	429	59 833	54 497	5 336	8.9	59 555	100.2
Q4	77 362	43 372	6 596	12 017	15 377	9 580	6 194	423	61 165	55 577	5 568	9.1	60 185	101.2
1986 Q1	79 020	44 359	6 658	12 285	15 718	10 119	6 319	461	62 121	57 164	4 957	8.0	60 353	101.5
Q2	80 558	45 298	6 695	12 661	15 904	10 139	6 414	457	63 548	58 715	4 833	7.6	61 327	103.2
Q3	81 419	46 012	6 742	12 832	15 833	10 044	6 555	478	64 342	59 861	4 481	7.0	61 342	103.2
Q4	83 330	46 945	6 833	12 951	16 601	10 616	6 745	481	65 488	61 016	4 472	6.8	61 775	103.9
1987 Q1	85 208	47 657	6 874	13 048	17 629	10 522	6 861	518	67 307	62 219	5 088	7.6	62 754	105.6
Q2	85 885	48 950	6 957	13 123	16 855	10 924	6 958	513	67 490	63 388	4 102	6.1	62 832	105.7
Q3	87 317	50 057	7 099	13 121	17 040	11 221	7 210	524	68 362	65 414	2 948	4.3	62 872	105.8
Q4	89 518	51 527	7 222	13 186	17 583	11 407	7 420	544	70 147	67 410	2 737	3.9	63 727	107.2
1988 Q1	92 102	52 773	7 251	13 470	18 608	11 694	7 490	546	72 372	68 803	3 569	4.9	65 177	109.6
Q2	92 574	53 792	7 335	13 370	18 077	11 850	7 635	557	72 532	70 025	2 507	3.5	64 432	108.4

1 Before providing for depreciation and stock appreciation

2 Equals total personal income before tax less payments of taxes on income, social security contributions and other current transfers.

3 Before providing for depreciation, stock appreciation and additions to tax reserves.

4 This table is revised and brought up to date in the January, April, July and October issues. In the March, June, September and December issues Table 1.5 may show more up-to-date figures.

5 Personal saving as a percentage of total personal disposable income.

6 Personal disposable income revalued by the implied consumers' expenditure deflator (1985 = 100).

Source: Central Statistical Office

# 1.5 Consumers' expenditure

£ million

Total consumers' expenditure	Durable goods						Other goods						Services			
	Total	Cars, motor cycles and other vehicles		Furniture and floor coverings	Other durable goods	Food (household expenditure)	Beer	Other alcoholic drink	Tobacco	Clothing other than footwear		Footwear products	Energy	Other goods	Rent, rates and water charges	Other services <sup>1</sup>
<b>At current prices</b>																
1983	184 619	18 248	9 113	3 882	5 253	27 385	7 138	6 132	6 209	9 819	2 289	16 312	18 774	23 715	48 596	
1984	197 494	18 779	9 011	4 019	5 749	28 642	7 734	6 582	6 622	10 734	2 518	17 025	20 716	25 012	53 130	
1985	215 267	20 370	9 992	4 198	6 180	30 064	8 416	7 235	7 006	12 047	2 765	18 629	23 233	26 922	58 580	
1986	236 756	22 871	11 664	4 409	6 798	32 339	8 849	7 501	7 471	13 366	2 971	18 475	25 825	29 324	67 764	
1987	258 431	26 000	14 303	4 707	6 990	33 643	9 206	8 103	7 653	14 608	3 180	18 799	28 900	31 446	76 893	
<b>Unadjusted</b>																
1985 Q3	54 753	5 634	3 190	1 023	1 421	7 620	2 217	1 657	1 778	2 881	703	3 982	5 655	6 783	15 843	
Q4	58 170	4 943	1 683	1 175	2 085	7 928	2 224	2 731	1 804	3 980	825	5 080	7 057	6 864	14 734	
1986 Q1	55 239	5 596	3 005	1 050	1 541	7 592	1 938	1 379	1 759	2 700	584	5 714	5 567	7 046	15 364	
Q2	57 507	5 392	2 969	1 018	1 405	8 064	2 268	1 609	1 877	3 015	734	4 121	6 042	7 324	17 061	
Q3	60 452	6 345	3 710	1 070	1 565	8 245	2 351	1 718	1 899	3 202	753	3 748	6 278	7 430	18 483	
Q4	63 558	5 538	1 980	1 271	2 287	8 438	2 292	2 795	1 936	4 449	900	4 892	7 938	7 524	16 856	
1987 Q1	59 976	6 370	3 689	1 114	1 567	7 772	1 978	1 478	1 876	2 902	611	5 702	6 149	7 628	17 510	
Q2	62 162	5 968	3 440	1 087	1 441	8 328	2 355	1 729	1 900	3 303	791	4 108	6 764	7 812	19 104	
Q3	66 384	7 417	4 612	1 171	1 634	8 623	2 442	1 849	1 916	3 476	814	3 850	7 052	7 950	20 995	
Q4	69 909	6 245	2 562	1 335	2 348	8 920	2 431	3 047	1 961	4 927	964	5 139	8 935	8 056	19 284	
1988 Q1	66 116	7 412	4 496	1 249	1 667	8 459	2 180	1 582	1 948	3 192	667	5 562	7 056	8 169	19 889	
Q2	68 777	6 911	4 217	1 214	1 480	8 837	2 549	1 912	2 003	3 634	818	4 173	7 624	8 471	21 845	
<b>Revalued at 1985 prices</b>																
1983	204 318	19 579	10 097	4 220	5 262	30 144	8 412	6 647	7 456	10 545	2 512	17 576	21 112	26 276	54 059	
1984	207 927	19 442	9 506	4 157	5 779	29 662	8 447	6 916	7 201	11 202	2 652	17 796	22 102	26 590	55 917	
1985	215 267	20 370	9 992	4 198	6 180	30 064	8 418	7 235	7 006	12 047	2 765	18 629	23 233	26 922	58 580	
1986	226 839	22 016	10 774	4 251	6 991	31 047	8 407	7 292	6 813	13 035	2 864	19 360	24 755	27 269	63 981	
1987	238 460	23 521	11 880	4 445	7 196	31 145	8 485	7 580	6 763	14 035	2 991	19 652	26 894	27 633	69 761	
<b>Unadjusted</b>																
1985 Q3	54 440	5 607	3 165	1 019	1 423	7 635	2 207	1 647	1 756	2 879	702	3 936	5 619	6 740	15 712	
Q4	57 394	4 851	1 623	1 157	2 071	7 818	2 155	2 688	1 769	3 890	809	5 067	6 938	6 764	14 645	
1986 Q1	53 824	5 437	2 864	1 032	1 541	7 375	1 866	1 349	1 704	2 672	572	5 774	5 404	6 784	14 887	
Q2	55 246	5 163	2 757	978	1 428	7 800	2 178	1 567	1 695	2 971	712	4 415	5 808	6 806	16 131	
Q3	57 475	6 086	3 425	1 037	1 624	7 895	2 227	1 661	1 696	3 132	725	4 049	6 019	6 828	17 157	
Q4	60 294	5 330	1 728	1 204	2 398	7 977	2 136	2 715	1 718	4 260	855	5 122	7 524	6 851	15 806	
1987 Q1	56 082	5 839	3 151	1 070	1 618	7 284	1 848	1 401	1 661	2 813	579	5 828	5 826	6 876	16 129	
Q2	57 562	5 399	2 891	1 027	1 481	7 751	2 192	1 625	1 684	3 188	744	4 324	6 329	6 899	17 427	
Q3	60 834	6 604	3 804	1 109	1 691	8 017	2 259	1 720	1 699	3 380	769	4 087	6 555	6 921	18 823	
Q4	63 982	5 679	2 034	1 239	2 406	8 093	2 188	2 834	1 719	4 654	899	5 413	8 184	6 937	17 382	
1988 Q1	59 652	6 412	3 530	1 159	1 723	7 616	1 943	1 461	1 696	3 055	619	5 870	6 402	6 955	17 623	
Q2	60 708	5 855	3 233	1 108	1 514	7 809	2 232	1 720	1 701	3 382	747	4 369	6 852	6 973	19 068	
<b>Seasonally adjusted</b>																
1985 Q3	54 246	5 210	2 594	1 056	1 560	7 581	2 080	1 818	1 748	3 037	695	4 724	5 857	6 740	14 756	
Q4	54 689	5 155	2 529	1 030	1 596	7 563	2 133	1 834	1 738	3 039	686	4 706	5 936	6 763	15 136	
1986 Q1	55 540	5 237	2 548	1 048	1 641	7 699	2 075	1 796	1 724	3 170	706	4 829	5 963	6 784	15 557	
Q2	56 666	5 535	2 747	1 054	1 734	7 795	2 122	1 814	1 711	3 227	713	4 584	6 098	6 806	15 961	
Q3	57 073	5 633	2 783	1 069	1 781	7 800	2 103	1 834	1 689	3 304	716	4 860	6 279	6 828	16 027	
Q4	57 560	5 611	2 696	1 080	1 635	7 753	2 107	1 848	1 689	3 334	729	4 787	6 415	6 851	16 436	
1987 Q1	58 019	5 819	2 805	1 084	1 730	7 620	2 060	1 873	1 680	3 349	717	4 878	6 470	6 876	16 877	
Q2	59 022	5 758	2 858	1 106	1 794	7 747	2 133	1 877	1 699	3 466	747	4 804	6 662	6 899	17 230	
Q3	60 170	6 042	3 059	1 139	1 844	7 902	2 138	1 902	1 693	3 568	761	4 891	6 830	6 921	17 522	
Q4	61 249	6 102	3 158	1 116	1 828	7 876	2 154	1 928	1 691	3 652	766	5 079	6 932	6 937	18 132	
1988 Q1	61 963	6 183	3 164	1 174	1 845	7 966	2 172	1 950	1 716	3 622	765	4 942	7 123	6 955	18 569	
Q2	62 205	6 242	3 220	1 193	1 829	7 808	2 167	1 980	1 715	3 658	747	4 835	7 215	6 973	18 865	

1 Including the adjustments for international travel, etc. and final expenditure by private non-profit making bodies.

Source: Central Statistical Office



# **Monthly Digest of Statistics**

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**Editor: JOHN A. HARRIS**

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# Introduction

This *Digest* has been prepared by the Central Statistical Office in collaboration with the Statistics Divisions of Government Departments.

The name of the department or organisation providing the statistics is shown under each table. Some of the statistics provided by departments are actually collected by other organisations such as nationalised boards and trade associations. The assistance provided by these organisations, too numerous to mention individually, is gratefully acknowledged.

The figures in the *Digest* are mainly totals for calendar months or monthly averages.

## Provisional data

Some figures in *Monthly Digest* are provisional and may be subject to revision in later issues. This applies particularly to data for the most recent time periods.

## Definitions

A *Supplement of Definitions and Explanatory Notes*, published with the January issue, gives detailed definitions of all the terms and units used in the *Digest*. The following general definitions should be noted in using the *Digest*.

**Area covered.** Except where otherwise stated, all statistics relate to the United Kingdom of Great Britain and Northern Ireland.

**Seasonality.** Except where otherwise stated, all statistics are not adjusted to take account of seasonal factors.

**Consumption and stocks.** The terms 'consumption', 'disposals' and 'stocks' are defined in detail in the *Supplement* to the *Digest*. Figures of consumption and stocks are seasonal and should be used with caution. The stocks figures given may often relate to only part of the total stocks in the country.

**External trade.** Owing to differences in coverage and timing, figures of imports and exports are not always comparable with those for production, consumption and stocks.

**Prices.** Except where otherwise stated, all prices are shown on a current basis.

## CSO Databank

Certain tables in this publication contain data available via the CSO Databank. Wherever this occurs the appropriate four digit identifier is included at the top of the column of figures. This is to facilitate access to the data in computer readable form and make available longer runs of data than appear in these tables.

The CSO databank is a collection of macro-economic time-series available on magnetic tape. Further details of the service offered, and the schedule of charges, are available from the Databank Manager, Room 52A/4, Central Statistical Office, Government Buildings, Great George Street, London SW1P 3AQ. Tel: 01-270 6386.

## Symbols and conventions used

**Symbols.** The following symbols are used throughout:

- .. not available
- nil or less than half the final digit shown
- \* average (or total) of five weeks
- ◊ provisional estimate

**Change of basis.** A line drawn across a column between two consecutive figures indicates that the figures above and below the line have been compiled on different bases and are not strictly comparable. In each case a footnote explains the difference.

**Rounding of figures.** In tables where figures have been rounded to the nearest final digit, there may be a slight discrepancy between the sum of the constituent items and the total as shown.

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*27 September 1988*

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# 1 National income and expenditure

## 1.1

### Expenditure on the gross domestic product: at current prices

£ million

Gross domestic product (expenditure based measure) at market prices <sup>1</sup>	Gross domestic product (expenditure based measure) at factor cost <sup>2</sup>	Final expenditure on goods and services at market prices										
		Total	Consumers' expenditure	General government consumption	Gross domestic fixed capital formation	Value of physical increase in stocks and work in progress	Exports of goods and services	Imports of goods and services	Taxes on expenditure	Subsidies		
		DJAF	DJAE	DJAK	AIK	AAXI	DFDC	DHBF	DJAD	DJAC	AAXC	AAXJ
1980	231 209	200 453	288 833	137 896	49 022	41 561	-2 586	62 926	57 624	36 475	5 719	
1981	254 832	218 736	315 253	153 566	55 457	41 304	-2 735	67 694	60 421	42 465	6 369	
1982	277 607	236 951	345 642	168 545	60 446	44 824	-1 238	73 015	68 035	46 467	5 811	
1983	303 218	260 027	381 113	184 619	65 873	48 615	768	80 541	77 895	49 460	6 269	
1984	323 325	278 278	416 313	197 494	69 884	55 025	150	92 349	92 988	52 585	7 538	
1985	353 730	304 208	452 896	215 267	73 995	60 283	515	102 782	99 166	56 724	7 202	
1986	377 712	321 118	479 294	236 756	79 685	63 797	519	98 484	101 582	62 700	6 106	
1987	411 073	348 855	523 103	258 431	85 772	70 767	1 320	107 506	112 030	67 980	5 762	
<b>Unadjusted</b>												
1984 1st quarter	78 524	67 683	99 733	46 402	17 556	13 546	294	21 717	21 209	12 811	1 970	
2nd quarter	77 445	66 691	100 383	48 325	16 992	12 531	-23	22 071	22 938	12 562	1 808	
3rd quarter	80 891	69 199	104 499	48 703	17 335	13 868	405	23 061	23 608	13 525	1 833	
4th quarter	86 465	74 705	111 698	53 064	18 001	15 080	-526	25 500	25 233	13 687	1 927	
1985 1st quarter	84 941	73 471	111 056	50 501	19 149	15 749	1	25 593	26 115	13 788	2 318	
2nd quarter	85 087	73 478	110 426	51 843	17 953	13 451	1 006	26 285	25 339	13 307	1 698	
3rd quarter	89 696	76 700	113 566	54 753	18 077	14 999	436	25 030	23 870	14 611	1 615	
4th quarter	94 006	80 559	117 848	58 170	18 816	16 084	-928	25 874	23 842	15 018	1 571	
1986 1st quarter	91 689	78 493	115 302	55 239	20 471	15 806	401	23 419	23 613	14 899	1 703	
2nd quarter	90 809	77 471	116 171	57 507	19 331	14 204	305	24 484	25 362	14 842	1 504	
3rd quarter	94 356	79 605	120 204	60 452	19 598	16 278	-47	24 052	25 848	16 221	1 470	
4th quarter	100 858	85 549	127 617	63 558	20 285	17 509	-140	26 529	26 759	16 738	1 429	
1987 1st quarter	98 092	83 514	123 792	59 976	21 665	16 612	-33	25 614	25 700	16 395	1 817	
2nd quarter	97 950	83 454	125 551	62 162	20 706	15 886	530	26 187	27 601	15 969	1 473	
3rd quarter	105 506	89 132	135 068	66 384	21 419	18 048	1 473	27 786	29 562	17 625	1 251	
4th quarter	109 525	92 755	138 692	69 909	21 982	20 221	-650	27 919	29 167	17 991	1 221	
1988 1st quarter	105 630	89 729	134 373	66 116	23 020	19 445	219	25 535	28 743	17 690	1 789	
2nd quarter	106 394	90 119	137 528	68 777	21 986			27 056	31 134	17 470	1 195	
<b>Seasonally adjusted</b>												
1984 1st quarter	79 536	68 471	100 643	48 019	16 869	13 363	106	22 006	21 107	12 891	1 826	
2nd quarter	79 655	68 463	102 298	49 299	17 252	13 485	-446	22 216	22 643	13 082	1 890	
3rd quarter	80 463	69 000	104 252	49 404	17 634	13 949	51	23 174	23 789	13 331	1 868	
4th quarter	83 671	72 344	109 120	50 772	18 129	14 228	439	24 953	25 449	13 281	1 954	
1985 1st quarter	86 073	74 381	112 413	52 312	18 297	15 583	-99	26 234	26 340	13 853	2 161	
2nd quarter	87 682	75 596	112 673	52 881	18 272	14 661	485	26 432	24 991	13 858	1 772	
3rd quarter	89 275	76 511	113 047	54 497	18 463	15 001	182	24 821	23 772	14 423	1 659	
4th quarter	90 700	77 720	114 763	55 577	18 963	15 038	-53	25 295	24 063	14 590	1 610	
1986 1st quarter	92 572	79 138	117 089	57 164	19 555	15 433	325	24 577	24 517	14 973	1 539	
2nd quarter	93 750	79 854	118 188	58 715	19 707	15 541	-226	24 088	24 438	15 481	1 585	
3rd quarter	93 887	79 471	119 470	59 861	20 018	16 302	-304	23 951	25 583	15 932	1 516	
4th quarter	97 503	82 655	124 547	61 016	20 405	16 521	724	25 868	27 044	16 314	1 466	
1987 1st quarter	99 503	84 672	125 622	62 219	20 724	16 520	-197	26 260	26 119	16 452	1 621	
2nd quarter	100 925	85 825	126 241	63 388	21 071	17 304	7	26 381	27 316	16 681	1 581	
3rd quarter	104 675	88 698	133 893	65 414	21 858	18 029	1 103	27 668	29 218	17 277	1 300	
4th quarter	105 970	89 660	135 347	67 410	22 119	18 914	407	27 197	29 377	17 570	1 260	
1988 1st quarter	107 532	91 337	136 496	68 803	22 105	19 534	42	25 942	28 964	17 812	1 617	
2nd quarter	109 538	92 562	140 327	70 025	22 337	20 253		27 263	30 789	18 268	1 292	

1. Equals total final expenditure on goods and services at market prices less imports of goods and services.

Source: Central Statistical Office

In Table 1.1 (continued) market price gross domestic product is no longer given at constant prices so it can be calculated readily from the other constant price series using this relationship. In its place, additional information is given, see footnote 5.

2. Equals gross domestic product at market prices less taxes on expenditure plus subsidies.

3. Estimates of the gross domestic product at constant factor cost based on statistics of output are given in Table 1.3.

4. This represents taxes on expenditure less subsidies valued at constant rates.

5. The average measure of gross domestic product is, in concept, the unweighted arithmetic average of the corresponding expenditure based, income based and output based estimates. It is the generally preferred measure

for comparisons of economic activity, taking place on UK territory, over a year or more. Unadjusted quarterly series are not available, since the calculation makes use of the output based measure, which is naturally estimated seasonally adjusted. The figures are rounded to the nearest hundred million. In rounded series, quarterly figures may not add to annual totals

## 1.1

## Gross domestic product, average and expenditure - based measures: revalued at 1985 prices

continued

£ million

Gross domestic product (average measure) at factor cost <sup>2</sup>	Gross domestic product (expenditure based measure) at factor cost <sup>2,3</sup>	Final expenditure on goods and services at market prices								
		Total	Consumers' expenditure	General government consumption	Gross domestic fixed capital formation	Value of physical increase in stocks and work in progress	Exports of goods and services	Imports of goods and services	Adjustment to factor cost <sup>4</sup>	
1980	199 700	277 238	403 713	193 806	71 050	53 416	-2 586	88 963	81 185	45 305
1981	197 900	274 614	397 812	193 832	71 269	48 298	-2 404	88 205	78 922	44 246
1982	201 100	277 989	405 733	195 561	71 826	50 915	-1 038	89 000	82 847	44 895
1983	207 700	288 965	423 474	204 318	73 282	53 476	728	91 092	88 119	46 390
1984	212 700	292 723	438 114	207 927	73 974	58 075	305	97 066	96 674	48 717
1985	220 500	304 208	452 896	215 267	73 995	60 283	659	102 782	99 166	49 522
1986	226 800	312 875	470 261	226 839	75 379	60 834	568	106 637	105 602	51 784
1987	236 400	323 996	491 796	238 460	76 042	64 196	796	112 541	113 312	54 488
<b>Unadjusted</b>										
1984 1st quarter	..	72 648	107 697	50 006	19 090	14 552	308	23 531	22 981	12 068
2nd quarter	..	70 298	106 171	50 914	18 229	13 431	-26	23 461	24 304	11 569
3rd quarter	..	72 928	109 446	52 012	18 174	14 504	276	24 240	24 244	12 274
4th quarter	..	76 849	114 800	54 995	18 481	15 588	-253	25 834	25 145	12 806
1985 1st quarter	..	74 694	111 864	51 561	19 389	16 000	25	24 911	24 894	12 276
2nd quarter	..	73 857	110 300	51 872	18 015	13 542	838	25 867	24 848	11 595
3rd quarter	..	76 430	113 621	54 440	18 083	14 922	419	25 531	24 510	12 681
4th quarter	..	79 227	117 111	57 394	18 508	15 819	-623	26 473	24 914	12 970
1986 1st quarter	..	77 112	113 927	53 824	19 709	15 286	508	24 608	24 197	12 618
2nd quarter	..	75 798	114 596	55 246	18 291	13 586	253	26 889	26 657	12 141
3rd quarter	..	77 602	117 931	57 475	18 480	15 436	-53	26 704	27 174	13 155
4th quarter	..	82 363	123 807	60 294	18 899	16 524	-150	28 436	27 574	13 870
1987 1st quarter	..	79 541	118 645	56 082	19 809	15 619	-128	27 241	25 972	13 132
2nd quarter	..	77 722	118 339	57 562	18 373	14 473	209	27 442	27 901	12 716
3rd quarter	..	82 269	125 891	60 834	18 849	16 171	1 109	28 618	29 574	14 048
4th quarter	..	84 464	128 921	63 982	19 011	17 933	-394	29 240	29 865	14 592
1988 1st quarter	..	81 141	123 966	59 652	19 816	17 090	89	27 194	29 240	13 585
2nd quarter	..	79 466	124 365	60 708	18 586	15 998	..	28 313	31 675	13 224
<b>Seasonally adjusted</b>										
1984 1st quarter	DIFS	73 424	108 419	51 512	18 332	14 406	177	23 829	22 925	12 070
2nd quarter	53 000	72 334	108 583	52 156	18 608	14 404	-241	23 596	23 979	12 270
3rd quarter	52 700	72 598	109 168	51 778	18 448	14 570	-20	24 281	24 433	12 137
4th quarter	53 800	74 367	111 944	52 478	18 586	14 695	389	25 360	25 337	12 240
1985 1st quarter	54 700	75 515	112 900	53 173	18 530	15 832	-60	25 582	25 133	12 252
2nd quarter	55 300	76 211	112 952	53 159	18 437	14 756	574	25 997	24 484	12 257
3rd quarter	55 200	76 254	113 208	54 246	18 409	14 917	180	25 312	24 436	12 518
4th quarter	55 300	76 228	113 836	54 689	18 619	14 778	-35	25 911	25 113	12 495
1986 1st quarter	56 200	77 638	115 470	55 540	18 843	14 907	443	25 812	25 161	12 671
2nd quarter	56 400	78 375	116 928	56 666	18 759	14 872	-59	26 459	25 689	12 864
3rd quarter	56 700	77 347	117 449	57 073	18 808	15 469	-278	26 560	27 094	13 008
4th quarter	57 700	79 515	120 414	57 560	18 969	15 586	452	27 806	27 658	13 241
1987 1st quarter	58 300	80 359	119 901	58 019	18 806	15 455	-185	27 842	26 314	13 228
2nd quarter	58 500	80 383	121 466	59 022	18 976	15 794	-66	27 633	27 622	13 481
3rd quarter	59 600	81 781	125 069	60 170	19 169	16 175	828	28 490	29 436	13 852
4th quarter	60 200	81 473	125 340	61 249	19 091	16 772	219	28 576	29 940	13 927
1988 1st quarter	60 600	82 240	125 386	61 963	19 030	16 804	15	27 525	29 418	13 728
2nd quarter	..	82 183	127 640	62 205	18 999	17 445	..	28 516	31 434	14 023

For footnotes 1 to 5 see page 6.

Source: Central Statistical Office

## Income and expenditure

### 1.2 Factor incomes in the gross national product

£ million

Factor incomes												
Gross national product (expenditure based)				Gross domestic product (income based)				Gross trading surplus of general government enterprises <sup>1</sup>				
	At market prices	At factor cost	Net property income from abroad	Residual error	Total domestic income <sup>1</sup>	Income from employment <sup>2</sup>	Gross trading profits of companies <sup>13,4</sup>	Gross trading surplus of public corporations <sup>13,4</sup>	Other income <sup>5</sup>	less Stock appreciation		
	DJAN	DJAM	CGOA	DJAS	DJAL	DJAU	DJAO	CIAC	ADR	DJAQ	DJAP	DJAT
1981	256 042	219 946	1 210	1 020	217 716	223 690	149 584	27 940	7 821	236	38 100	5 915
1982	279 053	238 397	1 446	-1 074	238 025	242 301	158 621	31 883	9 410	216	42 171	4 225
1983	306 065	262 874	2 847	-898	260 925	265 129	169 580	39 810	9 918	50	45 771	4 996
1984	327 758	282 711	4 433	-464	278 742	282 948	180 096	45 085	8 267	-92	49 592	5 259
1985	356 530	307 008	2 800	-1 054	305 262	308 078	194 573	53 500	7 020	256	52 729	3 333
1986	382 791	326 197	5 079	-2 711	323 829	325 834	209 542	51 268	8 016	105	56 813	2 141
1987	416 596	354 378	5 523	-5 664	354 519	359 377	226 343	65 596	6 623	-177	60 992	4 953
<b>Unadjusted</b>												
1984 1st quarter	79 378	68 537	854	104	67 579	68 895	43 526	10 389	2 926	-13	12 067	1 516
2nd quarter	78 344	67 590	899	-1 267	67 958	69 034	44 396	10 495	1 869	-27	12 301	1 399
3rd quarter	82 188	70 496	1 297	-238	69 437	70 171	45 341	10 899	1 422	-2	12 511	859
4th quarter	87 848	76 088	1 383	937	73 768	74 848	46 833	13 302	2 050	-50	12 713	1 485
1985 1st quarter	85 825	74 355	884	-754	74 225	75 891	46 807	14 488	1 484	160	12 942	1 870
2nd quarter	85 810	74 201	723	-2 563	76 041	76 415	48 098	13 623	1 646	-15	13 063	517
3rd quarter	90 739	77 743	1 043	433	76 267	76 374	49 390	12 173	1 549	42	13 220	418
4th quarter	94 156	80 709	150	1 830	78 729	79 398	50 278	13 216	2 331	69	13 504	528
1986 1st quarter	92 707	79 511	1 018	-1 545	80 038	79 854	50 541	13 103	2 448	41	13 821	207
2nd quarter	92 094	78 756	1 285	-3 157	80 628	80 638	51 975	12 701	1 916	17	14 029	338
3rd quarter	95 956	81 205	1 600	-559	80 164	80 968	52 902	12 336	1 331	49	14 350	360
4th quarter	102 034	86 725	1 176	2 550	82 999	84 274	54 124	13 218	2 321	-2	14 613	1 236
1987 1st quarter	99 710	85 132	1 618	-1 772	85 286	86 643	54 017	15 964	1 749	33	14 880	1 353
2nd quarter	99 357	84 861	1 407	-4 641	88 095	89 451	55 888	17 071	1 526	-108	15 074	1 218
3rd quarter	107 047	90 673	1 541	-555	89 687	90 802	57 310	16 803	1 323	-37	15 403	1 104
4th quarter	110 482	93 712	957	1 304	91 451	92 481	59 128	15 758	2 025	-65	15 635	1 278
1988 1st quarter	106 997	91 096	1 367	-4 417	94 146	95 534	59 471	18 150	1 912	37	15 964	1 363
2nd quarter	107 870	91 595	1 476	-6 580	96 699	98 283	61 120	19 245	1 635	14	16 269	
<b>Seasonally adjusted</b>												
	DJBG	DJBF	AIMD	DJDS	DJBE	DIAD	DIAC	CIAD	ADRO	DJAQ	DJAP	DJCE
1984 1st quarter	80 432	69 367	896	635	67 836	68 775	43 948	10 269	2 504	-13	12 067	939
2nd quarter	80 527	69 335	872	217	68 246	69 496	44 421	10 688	2 113	-27	12 301	1 250
3rd quarter	81 428	69 965	965	-1 048	70 048	71 065	45 156	11 418	1 982	-2	12 511	1 017
4th quarter	85 371	74 044	1 700	-268	72 612	73 612	46 571	12 710	1 688	-50	12 713	1 000
1985 1st quarter	86 991	75 299	918	-52	74 433	75 665	47 249	14 201	1 113	160	12 942	1 232
2nd quarter	88 360	76 274	678	-627	76 223	76 785	48 122	13 741	1 874	-15	13 063	562
3rd quarter	90 089	77 325	814	-325	76 836	77 258	49 234	12 629	2 133	42	13 220	422
4th quarter	91 090	78 110	390	-50	77 770	78 370	49 968	12 929	1 900	69	13 504	600
1986 1st quarter	93 590	80 156	1 018	-1 280	80 418	79 874	51 017	12 998	1 997	41	13 821	-544
2nd quarter	94 984	81 088	1 234	-580	80 434	80 622	51 993	12 423	2 160	17	14 029	188
3rd quarter	95 306	80 890	1 419	-1 080	80 551	81 678	52 754	12 628	1 897	49	14 350	1 127
4th quarter	98 911	84 063	1 408	229	82 426	83 660	53 778	13 309	1 962	-2	14 613	1 234
1987 1st quarter	101 055	86 224	1 552	-817	85 489	86 408	54 531	15 369	1 595	33	14 880	919
2nd quarter	102 275	87 175	1 350	-1 803	87 628	89 131	55 907	16 627	1 631	-108	15 074	1 503
3rd quarter	106 099	90 122	1 424	-1 378	90 076	91 504	57 156	17 300	1 682	-37	15 403	1 428
4th quarter	107 167	90 857	1 197	-1 666	91 326	92 334	58 749	16 300	1 715	-65	15 635	1 008
1988 1st quarter	108 778	92 583	1 246	-3 224	94 561	95 571	60 024	17 832	1 714	37	15 964	1 010
2nd quarter	111 047	94 071	1 509	-3 683	96 245	97 924	61 127	18 751	1 763	14	16 269	1 679

1. Before providing for depreciation and stock appreciation.

Source: Central Statistical Office

2. Wages and salaries, forces' pay and employers' contributions.

3. Including Financial institutions.

4. The figures reflect the privatisation of British Telecom with effect from 28 November 1984, British Gas from 3 December 1986, British Airways from 6 February 1987, Royal Ordnance plc from 22 April 1987, and BAA plc from 16 July 1987.

5. Income from rent and self-employment and the imputed charge for consumption of non-trading capital.

Index numbers: gross domestic product (average estimate);  
and output at constant factor cost.

## 1.3

1985=100

	Gross domestic product (average estimate) <sup>1</sup>				Output at constant factor cost <sup>1</sup>					Service industries						
	At current market prices	At current factor cost	1985 prices		Gross domestic product (output based measure) <sup>1</sup>	Agriculture, forestry and fishing	Total Production Industries <sup>2</sup>	Construction	Distribution, hotels and catering: repairs				Transport and communication	Other services	Total services	
			At constant market prices	At constant factor cost					1985	100	19	344	59	134	70	374
<i>1985 weights</i>	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	DJCL	CAON	PNAO	DJDD	DSAE	CKAP	DVIM	DVJO	CKAQ	CKAR	CKAS	CKCE				
1976	54.1	56.1	94.1	88.7	84.8	64.1	88.1	..	86.3	83.7	82.0	83.3				
1977	63.1	64.5	96.3	90.9	87.2	72.4	92.7	..	85.8	86.1	83.4	84.4				
1978	72.8	74.5	99.8	98.0	90.2	77.9	95.3	..	90.8	89.1	85.3	87.1				
1979	85.6	86.2	102.5	100.7	92.9	76.7	99.0	..	93.4	92.7	87.5	89.5				
1980	100.0	100.0	100.0	98.4	90.2	85.2	92.5	88.7	87.7	91.0	89.4	89.2				
1981	110.3	109.2	98.8	97.3	89.0	87.4	89.6	81.8	86.3	91.2	90.3	80.5				
1982	120.5	118.7	100.3	99.0	90.9	94.7	91.3	88.3	87.9	90.3	91.9	90.8				
1983	85.5	85.2	94.6	94.7	94.0	89.6	94.7	93.9	91.7	93.0	94.6	93.7				
1984	91.5	91.6	96.6	96.3	96.6	105.1	95.0	98.5	95.8	97.1	97.6	97.1				
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0				
1986	106.9	105.8	103.2	103.0	102.9	100.8	102.3	100.9	103.9	104.6	103.1	103.5				
1987	117.0	115.6	107.7	107.3	107.7	99.4	106.2	108.7	110.2	110.9	107.9	108.6				
<i>Seasonally adjusted</i>																
1978 3rd quarter	74.0	75.8	100.8	88.5	91.0	79	96.5	..	92	89	86	87.5				
4th quarter	76.3	77.6	100.5	99.5	91.2	78	96.3	..	93	90	86	88.3				
1979 1st quarter	78.2	79.7	99.8	98.4	90.7	76	96.6	..	91	87	86	87.6				
2nd quarter	84.2	85.1	104.5	101.3	94.3	75	101.2	..	97	94	88	90.7				
3rd quarter	88.2	88.3	102.6	100.8	93.0	76	99.1	..	91	96	88	89.6				
4th quarter	91.9	91.8	103.1	102.3	93.5	79	99.1	..	94	94	88	90.3				
1980 1st quarter	95.6	95.6	102.1	100.6	92.6	83	97.6	93.1	91	94	89	90.0				
2nd quarter	98.7	98.7	100.4	99.1	90.9	85	93.8	90.1	89	92	89	89.4				
3rd quarter	101.6	101.6	99.3	97.7	89.4	86	90.4	89.2	86	89	90	88.8				
4th quarter	104.0	104.1	98.2	96.4	88.0	86	88.4	82.5	85	88	90	88.5				
1981 1st quarter	105.8	105.9	98.0	96.4	88.5	86	88.3	84.1	87	90	90	89.2				
2nd quarter	108.8	107.4	98.1	97.0	88.6	86	88.8	81.4	87	90	90	89.3				
3rd quarter	111.8	110.2	99.3	97.7	89.4	88	90.1	82.7	87	92	90	89.8				
4th quarter	114.7	113.2	99.9	98.2	89.5	90	91.1	79.1	85	93	91	89.7				
1982 1st quarter	116.5	114.3	99.7	98.4	90.1	93	90.4	85.8	87	90	91	90.3				
2nd quarter	119.6	118.2	100.4	98.2	90.8	96	91.9	87.3	87	91	91	90.3				
3rd quarter	121.6	119.8	100.2	98.8	91.3	96	92.0	89.2	88	89	92	90.8				
4th quarter	124.4	122.7	101.1	100.6	91.5	94	91.1	90.8	89	91	93	91.7				
1983 1st quarter	83.3	82.9	93.3	93.3	92.6	90	93.0	92.6	90	91	94	92.5				
2nd quarter	84.1	83.5	94.1	94.3	93.2	87	94.0	91.3	91	93	94	93.2				
3rd quarter	86.3	86.2	94.9	95.1	94.5	88	95.4	95.3	92	93	95	94.2				
4th quarter	88.4	88.3	96.0	96.2	95.6	93	96.5	96.5	93	95	96	95.1				
1984 1st quarter	88.7	89.7	96.4	96.2	96.5	101	97.2	97.6	94	95	97	95.9				
2nd quarter	90.2	90.2	95.8	95.3	96.2	107	94.3	98.7	95	96	97	96.7				
3rd quarter	91.6	91.4	96.4	96.2	96.4	108	93.5	99.5	96	98	98	97.5				
4th quarter	94.5	95.0	97.8	97.6	97.3	105	94.8	98.2	98	99	99	98.4				
1985 1st quarter	97.0	97.4	98.9	98.9	98.8	101	97.9	100.5	99	100	99	99.1				
2nd quarter	99.3	99.6	100.2	100.4	100.3	99	101.3	99.8	100	100	100	99.7				
3rd quarter	101.0	100.7	100.5	100.4	100.3	99	100.9	98.7	100	100	100	100.2				
4th quarter	102.6	102.3	100.4	100.3	100.6	100	99.9	101.1	101	101	101	101.0				
1986 1st quarter	104.8	104.2	102.2	102.2	101.1	100	101.4	96.8	101	103	101	101.5				
2nd quarter	105.9	104.8	103.0	102.9	102.2	101	101.5	101.2	103	103	102	102.8				
3rd quarter	107.0	105.5	103.0	102.7	103.5	101	103.0	101.7	105	105	104	104.2				
4th quarter	110.1	108.5	104.7	104.3	104.5	100	103.3	103.8	106	106	105	105.5				
1987 1st quarter	112.5	111.3	105.8	105.7	105.0	100	103.8	107.2	107	106	106	105.8				
2nd quarter	115.0	113.9	107.0	106.6	106.7	99	105.3	105.7	109	111	107	108.0				
3rd quarter	119.2	117.6	108.9	108.4	108.9	99	107.6	109.1	112	114	109	110.1				
4th quarter	121.2	119.5	109.2	108.7	110.0	99	108.3	112.8	113	113	110	111.3				
1988 1st quarter	123.8	122.6	110.5	110.4	111.6	100	108.6	118.3	116	116	112	113.2				
2nd quarter	126.6	124.9	111.3	110.9	112.8	99	109.5	118.1	117	117	113	114.7				

1. Estimates of the gross domestic product obtained from statistics of expenditure are given in Table 1.1  
2. Revised definition comprising Divisions 1 to 5 of the Standard Industrial Classification Revised 1980. Any differences between this column and the data in Table 7.1 arise because the latter may be based on more recent information.

Source: Central Statistical Office

## Income and expenditure

### 1.4 Personal income, expenditure and saving

f million

	Personal income before tax												Real personal disposable income at 1980 prices <sup>6</sup>	Index of real personal disposable income (1980 = 100)		
	Wages and salaries			Current grants from general government			United Kingdom taxes on personal income			Total personal consumers' disposable income <sup>2</sup>						
	Total <sup>1</sup>	Employers' contributions	Other personal income <sup>3</sup>	Other personal income <sup>3</sup>	Other personal income <sup>3</sup>	Other personal income <sup>3</sup>	Social security contributions	Other contributions	Current transfers	Disposable income <sup>2</sup>	Expenditure <sup>4</sup>	Personal saving <sup>5</sup>				
1981	222 548	127 884	21 700	31 242	41 781	28 969	15 916	1 339	176 324	153 566	22 833	12.9	158 216	98.7		
1982	242 397	136 245	22 376	36 585	47 244	31 396	18 095	1 475	191 431	168 545	23 267	12.2	158 018	98.6		
1983	261 057	145 469	24 111	39 769	51 734	33 232	20 780	1 464	205 581	184 619	21 717	10.6	161 544	100.8		
1984	279 008	155 117	24 979	43 062	55 873	34 632	22 312	1 583	220 461	197 494	23 500	10.7	165 306	103.1		
1985	300 690	168 568	26 005	46 732	59 500	37 445	24 191	1 706	237 348	215 267	22 296	9.4	169 179	105.5		
1986	323 415	182 614	26 928	50 734	63 607	40 788	26 033	1 901	254 693	236 756	18 221	7.2	174 967	109.1		
1987	346 950	198 191	28 152	52 448	68 793	44 069	28 478	2 081	272 322	258 431	14 824	5.4	180 759	112.7		
<b>Unadjusted</b>																
1983 1st quarter	63 002	35 182	5 770	9 662	12 446	8 547	4 799	365	49 291	43 351	6 167	12.5	39 347	98.2		
2nd quarter	64 325	35 992	6 033	9 799	12 529	7 574	5 239	368	51 144	44 513	6 802	13.3	40 274	100.5		
3rd quarter	66 246	36 800	6 126	10 040	13 266	8 333	5 329	368	52 216	47 283	5 097	9.8	40 797	101.8		
4th quarter	67 484	37 495	6 182	10 268	13 493	8 778	5 413	363	52 930	49 472	3 651	6.9	41 126	102.6		
1984 1st quarter	67 682	37 427	6 069	10 693	13 420	8 679	5 355	386	53 262	46 402	7 030	13.2	40 595	101.3		
2nd quarter	68 929	38 199	6 197	10 638	13 879	8 090	5 520	394	54 925	48 325	6 733	12.3	41 115	102.6		
3rd quarter	70 044	39 063	6 278	10 706	14 030	8 784	5 639	405	55 216	49 703	5 605	10.2	41 159	102.7		
4th quarter	72 353	40 428	6 405	11 025	14 544	9 079	5 798	398	57 078	53 064	4 132	7.2	42 437	105.9		
1985 1st quarter	72 289	40 488	6 319	11 397	14 121	9 182	5 763	415	56 929	50 501	6 601	11.6	41 188	102.8		
2nd quarter	74 753	41 627	6 471	11 558	15 115	8 585	6 024	428	59 716	51 843	7 891	13.2	42 489	106.0		
3rd quarter	76 250	42 819	6 571	11 780	15 096	9 815	6 181	431	59 823	54 753	5 067	8.5	42 465	105.9		
4th quarter	77 398	43 634	6 644	11 997	15 168	9 863	6 223	432	60 880	58 170	2 737	4.5	43 037	107.4		
1986 1st quarter	77 888	43 962	6 579	12 353	15 102	10 006	6 200	470	61 212	55 239	6 034	9.9	42 353	105.7		
2nd quarter	80 462	45 262	6 693	12 585	16 037	9 566	6 443	468	63 983	57 507	6 575	10.3	43 944	109.6		
3rd quarter	81 954	46 132	6 770	12 795	16 368	10 348	6 609	484	64 513	60 452	4 155	6.4	44 115	110.1		
4th quarter	83 111	47 238	6 886	13 001	16 100	10 866	6 781	479	64 985	63 558	1 457	2.2	44 555	111.2		
1987 1st quarter	83 058	47 227	6 790	12 680	16 487	10 754	6 734	517	65 053	59 976	5 343	8.2	43 379	108.2		
2nd quarter	85 734	48 935	6 953	13 227	16 767	10 095	6 992	509	68 138	62 162	6 187	9.1	45 262	112.9		
3rd quarter	88 247	50 180	7 130	13 207	17 916	11 282	7 281	522	69 162	66 384	2 978	4.3	45 679	114.0		
4th quarter	89 911	51 849	7 279	13 354	17 623	11 938	7 471	533	69 969	69 908	316	.5	46 439	115.9		
1988 1st quarter	91 270	52 309	7 162	13 365	18 521	12 265	7 394	539	71 072	66 154	5 238	7.4	45 892	114.5		
2nd quarter	93 788	53 788	7 332													
<b>Seasonally adjusted</b>																
1983 1st quarter	63 208	35 531	5 843	9 551	12 348	8 609	4 848	380	49 391	44 579	4 812	9.7	39 406	98.3		
2nd quarter	64 655	36 026	6 020	9 782	12 827	7 990	5 251	367	51 047	45 325	5 722	11.2	40 455	100.9		
3rd quarter	65 840	36 611	6 096	10 155	12 971	8 171	5 298	366	52 005	46 670	5 335	10.3	40 633	101.4		
4th quarter	67 354	37 301	6 152	10 281	13 588	8 462	5 383	371	53 136	47 290	5 848	11.0	41 050	102.4		
1984 1st quarter	68 061	37 775	6 173	10 452	13 634	8 464	5 406	381	53 810	47 855	5 955	11.1	41 044	102.4		
2nd quarter	69 029	38 231	6 190	10 661	13 901	8 594	5 534	392	54 509	49 140	5 369	9.8	41 093	102.5		
3rd quarter	69 884	38 906	6 250	10 843	13 927	8 665	5 608	403	55 208	49 298	5 910	10.7	41 182	102.7		
4th quarter	72 034	40 205	6 366	11 106	14 411	8 909	5 764	407	56 964	50 688	6 266	11.0	41 987	104.8		
1985 1st quarter	72 879	40 855	6 394	11 236	14 460	9 074	5 817	410	57 578	52 107	5 471	9.5	41 740	104.1		
2nd quarter	74 467	41 652	6 470	11 565	14 761	9 035	6 039	426	58 967	52 817	6 150	10.4	42 252	105.4		
3rd quarter	75 906	42 689	6 545	11 880	14 825	9 668	6 148	429	59 661	54 511	5 150	8.6	42 329	105.6		
4th quarter	77 438	43 372	6 596	12 051	15 454	9 668	6 187	441	61 142	55 617	5 525	9.0	42 858	106.9		
1986 1st quarter	78 765	44 359	6 658	12 329	15 574	9 896	6 257	464	62 148	57 150	4 998	8.0	43 165	107.7		
2nd quarter	80 312	45 298	6 695	12 633	15 764	10 070	6 459	466	63 317	58 498	4 819	7.6	43 831	109.4		
3rd quarter	81 367	46 012	6 742	12 840	15 908	10 182	6 574	481	64 130	59 810	4 320	6.7	43 930	109.6		
4th quarter	82 971	46 945	6 833	12 932	16 361	10 640	6 743	490	65 098	61 014	4 084	6.3	44 041	109.9		
1987 1st quarter	84 573	47 657	6 874	12 878	17 318	10 772	6 793	509	66 499	61 986	4 513	6.8	44 512	111.1		
2nd quarter	85 286	48 950	6 957	13 179	16 287	10 510	7 008	507	67 261	63 073	4 188	6.2	45 078	112.5		
3rd quarter	87 193	50 057	7 099	13 175	17 075	11 057	7 246	519	68 371	65 331	3 040	4.4	45 298	113.0		
4th quarter	89 898	51 527	7 222	13 216	18 113	11 730	7 431	546	70 191	67 108	3 083	4.4	45 871	114.4		
1988 1st quarter	92 750	52 773	7 251	13 448	19 427	12 330	7 455	531	72 434	68 570	3 864	5.3	46 948	117.1		
2nd quarter	93 792	53 735														

1. Before providing for depreciation and stock appreciation.

2. Equals total personal income before tax less payments of taxes on income, social security, contributions and other current transfers.

3. Before providing for depreciation, stock appreciation and additions to tax reserves.

4. This table is revised and brought up to date in the January, April, July and October issues. In the March, June September and December issues, Table 1.5 may show more up-to-date figures for consumers' expenditure than those shown here.

5. Personal saving as a percentage of total personal disposable income.

6. Personal disposable income revalued by the implied consumers' expenditure deflator (1980 = 100).

Source: Central Statistical Office

## 1.5 Consumers' expenditure

£ million

Total consumers' expenditure	Durable goods				Other goods								Services			
	Total	Cars, motor cycles and other vehicles		Furniture and floor coverings	Other durable goods	Food (household expenditure)		Other alcoholic drink	Tobacco	Clothing other than footwear		Footwear	Energy products	Other goods	Rent, rates and water	Other charges and services <sup>1</sup>
		motor cycles	other vehicles	furniture and floor coverings		Other durable goods	Beer			Footwear	Energy products					
<b>At current prices</b>	AI1K	AI1L	CCD1	CCD2	CCD3	CCD4	CCD5	CCD6	CCD7	CCD8	CCD9	CCD10	CCD11	CCD12	CCD13	CCD14
1982	168 545	15 439	7 407	3 615	4 417	25 649	6 450	5 553	5 881	8 857	2 068	15 027	17 211	22 423	43 987	
1983	184 619	18 248	9 113	3 882	5 253	27 385	7 138	6 132	6 209	9 819	2 289	16 312	18 774	23 715	45 598	
1984	197 494	18 779	9 011	4 019	5 749	28 642	7 734	6 582	6 622	10 734	2 518	17 025	20 716	25 012	53 130	
1985	215 267	20 370	9 992	4 198	6 180	30 064	8 416	7 235	7 006	12 047	2 765	18 629	23 233	26 922	58 580	
1986	236 756	22 871	11 664	4 409	6 798	32 339	8 849	7 501	7 471	13 366	2 971	18 475	25 825	29 324	67 764	
1987	258 431	26 000	14 303	4 707	6 990	33 643	9 206	8 103	7 653	14 608	3 180	18 799	28 900	31 446	76 893	
<b>Unadjusted</b>																
1985 2nd quarter	51 843	4 664	2 433	981	1 250	7 466	2 115	1 559	1 741	2 747	685	4 283	5 466	6 758	14 359	
3rd quarter	54 753	5 634	3 190	1 023	1 421	7 620	2 217	1 657	1 778	2 881	703	3 982	5 655	6 783	15 843	
4th quarter	58 170	4 943	1 683	1 175	2 085	7 928	2 224	2 731	1 804	3 980	825	5 080	7 057	6 864	14 734	
1986 1st quarter	55 239	5 586	3 005	1 050	1 541	7 592	1 938	1 379	1 759	2 700	584	5 714	5 567	7 046	15 364	
2nd quarter	57 507	5 392	2 969	1 018	1 405	8 064	2 268	1 609	1 877	3 015	734	4 121	6 042	7 324	17 061	
3rd quarter	60 452	6 345	3 710	1 070	1 565	8 245	2 351	1 718	1 899	3 202	753	3 748	6 278	7 430	18 483	
4th quarter	63 558	5 538	1 980	1 271	2 287	8 438	2 292	2 795	1 936	4 449	900	4 892	7 938	7 524	16 856	
1987 1st quarter	59 976	6 370	3 689	1 114	1 567	7 772	1 978	1 478	1 876	2 902	611	5 702	6 149	7 628	17 510	
2nd quarter	62 162	5 968	3 440	1 087	1 441	8 328	2 355	1 729	1 900	3 303	791	4 108	6 764	7 812	19 104	
3rd quarter	66 384	7 417	4 612	1 171	1 634	8 623	2 442	1 849	1 916	3 476	814	3 850	7 052	7 950	20 995	
4th quarter	69 909	6 245	2 562	1 335	2 348	8 920	2 431	3 047	1 961	4 927	964	5 139	8 935	8 056	19 284	
1988 1st quarter	66 154	7 412	4 496	1 249	1 667	8 459	2 220	1 582	1 948	3 192	667	5 562	7 056	8 169	19 889	
2nd quarter	68 650	6 911	4 217	1 214	1 480	8 837	2 549	1 912	1 972	3 634	818	4 173	7 624	8 471	21 845	
<b>Revalued at 1985 prices</b>																
CCBH	CCBI	CCBJ	CCBK	CCBL	CCBM	CCBN	CCBO	CCBP	CCBQ	CCBR	CCBS	CCCK	CCCL	CCBV		
1982	195 561	16 504	8 005	4 051	4 460	29 534	8 261	6 272	7 541	9 868	2 358	17 410	20 573	25 942	52 083	
1983	204 318	19 579	10 097	4 220	5 262	30 144	8 412	6 647	7 456	10 545	2 512	17 576	21 112	26 276	54 059	
1984	207 927	19 442	9 506	4 157	5 779	29 662	8 447	6 916	7 201	11 202	2 652	17 796	22 102	26 590	55 917	
1985	215 267	20 370	9 992	4 198	6 180	30 064	8 416	7 235	7 006	12 047	2 765	18 629	23 233	26 922	58 580	
1986	226 839	22 016	10 774	4 251	6 991	31 047	8 407	7 292	6 813	13 035	2 864	19 360	24 755	27 269	63 981	
1987	238 460	23 521	11 880	4 445	7 196	31 145	8 485	7 580	6 763	14 035	2 991	19 652	26 894	27 633	69 761	
<b>Unadjusted</b>																
1985 2nd quarter	51 872	4 663	2 429	983	1 251	7 492	2 128	1 568	1 733	2 775	692	4 211	5 492	6 719	14 399	
3rd quarter	54 440	5 607	3 165	1 019	1 423	7 635	2 207	1 647	1 756	2 879	702	3 936	5 619	6 740	15 712	
4th quarter	57 394	4 851	1 623	1 157	2 071	7 818	2 155	2 688	1 769	3 890	809	5 067	6 938	6 764	14 645	
1986 1st quarter	53 824	5 437	2 864	1 032	1 541	7 375	1 866	1 349	1 704	2 672	572	5 774	5 404	6 784	14 887	
2nd quarter	55 246	5 163	2 757	978	1 428	7 800	2 178	1 567	1 695	2 971	712	4 415	5 808	6 806	16 131	
3rd quarter	57 475	6 086	3 425	1 037	1 624	7 895	2 227	1 661	1 696	3 132	725	4 049	6 018	6 828	17 157	
4th quarter	60 294	5 330	1 728	1 204	2 398	7 977	2 136	2 715	1 718	4 260	855	5 122	7 524	6 851	15 806	
1987 1st quarter	56 082	5 839	3 151	1 070	1 618	7 284	1 846	1 401	1 661	2 813	579	5 828	5 826	6 876	16 129	
2nd quarter	57 562	5 399	2 891	1 027	1 481	7 751	2 192	1 625	1 684	3 188	744	4 324	6 329	6 899	17 427	
3rd quarter	60 834	6 604	3 804	1 109	1 691	8 017	2 259	1 720	1 699	3 380	769	4 087	6 555	6 921	18 823	
4th quarter	63 982	5 679	2 034	1 239	2 406	8 098	2 188	2 834	1 719	4 654	899	5 413	6 184	6 937	17 382	
1988 1st quarter	59 687	6 412	3 530	1 159	1 723	7 616	1 978	1 461	1 696	3 055	619	5 870	6 402	6 955	17 623	
2nd quarter	60 708	5 855	3 233	1 108	1 514	7 809	2 232	1 720	1 701	3 382	747	4 369	6 852	6 973	19 068	
<b>Seasonally adjusted</b>																
CAAB	CCBW	CCBX	CCBY	CCBZ	CCCA	CCCB	CCCD	CCCE	CCCF	CCCG	CCCM	CCCN	CCCJ			
1985 2nd quarter	53 159	4 317	1 914	897	1 506	5 798	1 214	1 330	961	2 548	539	2 930	4 114	4 274	9 822	
3rd quarter	54 246	4 579	2 090	902	1 587	5 888	1 221	1 328	958	2 578	542	3 000	4 152	4 285	10 146	
4th quarter	54 689	4 537	2 038	870	1 629	5 877	1 251	1 342	950	2 581	536	3 003	4 201	4 296	10 413	
1986 1st quarter	55 540	4 613	2 040	890	1 683	5 966	1 215	1 319	942	2 685	551	3 083	4 251	4 305	10 767	
2nd quarter	56 666	4 871	2 167	897	1 807	6 040	1 246	1 331	941	2 729	554	3 083	4 327	4 315	11 061	
3rd quarter	57 073	5 086	2 249	922	1 915	6 109	1 236	1 349	925	2 803	561	3 088	4 446	4 327	11 044	
4th quarter	57 560	5 036	2 139	911	1 986	6 047	1 238	1 363	923	2 829	567	3 063	4 547	4 343	11 325	
1987 1st quarter	58 019	4 964	2 159	926	1 879	5 924	1 206	1 362	918	2 824	559	3 118	4 591	4 358	11 651	
2nd quarter	58 022	5 092	2 172	947	1 973	5 992	1 255	1 379	935	2 923	579	3 020	4 691	4 372	12 037	
3rd quarter	60 170	5 501	2 409	991	2 101	6 204	1 256	1 401	928	3 023	597	3 116	4 823	4 386	12 053	
4th quarter	61 249	5 390	2 362	945	2 083	6 158	1 270	1 425	923	3 087	599	3 200	4 889	4 398	12 522	
1988 1st quarter	61 963	5 625	2 409	1 014	2 102	6 199	1 294	1 418	937	3 039	597	3 193	5 025	4 410	12 807	
2nd quarter	62 205														4 423	

1. Including the adjustments for international travel, etc. and final expenditure by private non-profit making bodies.

Source: Central Statistical Office

## Stocks

## 1.6

## Value of physical increase in stocks and work in progress

£ million

Manufacturing <sup>1</sup> (revised definition)																
All industries	Analysis by industry group															
	Energy and water supply	Total <sup>1</sup>		Metals		Chemical goods, fibres		Food drink and vehicles		Textiles clothing and leather		Other manufac-		Analysis by type of asset		
		Total	Metals	Chemical goods, fibres	Food drink and vehicles	Textiles clothing and leather	Other manufac-	Materials and	Fin-	Work in progress	Whole sale <sup>2</sup>	Retail <sup>3</sup>	Other industries			
		DHBF	DHBU	DHBA	DGBR	DGBS	DGBT	DGBU	DGBV	DGBW	DHCO	DHDE	DHCT	DHBG	DHBE	DHBW
Book value of stocks and work in progress at end-December 1986 <sup>4</sup>	91 675	4 742	42 688	2 170	3 816	22 528	5 796	2 549	5 829	12 599	16 779	13 290	13 709	11 006	19 530	
At current prices		DHBF	DHBU	DHBA	DGBR	DGBS	DGBT	DGBU	DGBV	DGBW	DHCO	DHDE	DHCT	DHBG	DHBE	DHBW
1980	-2 586	212	-2 321	-212	-361	-834	-248	-291	-376	-1 251	-714	-357	-392	-429	344	
1981	-2 735	-446	-1 565	-269	-127	-521	-270	-98	-281	-1 033	-42	-491	-260	190	-654	
1982	-1 238	-15	-1 291	-218	-1	-678	-90	-86	-217	-543	-561	-187	-68	1	135	
1983	768	-114	-204	-75	33	155	-266	6	-59	-307	198	-96	-21	-35	1 142	
1984	150	-1 044	634	3	114	342	11	72	92	179	205	249	-67	465	162	
1985	515	-92	-570	46	59	-612	-156	140	-46	88	-713	55	-190	245	1 122	
1986	519	-261	-521	-81	-76	-161	-118	-27	-59	-196	-90	-236	28	750	523	
1985 1st quarter	1	-236	-39	-101	-1	-120	100	67	16	-44	-252	257	39	-38	275	
2nd quarter	1 006	-85	553	98	42	408	-122	122	6	44	122	387	21	76	441	
3rd quarter	436	64	-371	8	82	-304	-118	-21	-18	220	134	-725	208	183	352	
4th quarter	-928	165	-713	41	-64	-596	-16	-28	-50	-132	-717	136	-458	24	54	
1986 1st quarter	401	-462	-106	-30	44	-249	-22	71	80	-90	-108	92	515	170	284	
2nd quarter	305	-125	434	52	-37	366	-20	89	-16	15	233	185	-376	156	216	
3rd quarter	-47	143	-482	-63	-38	-227	17	-120	-51	111	146	-739	70	184	38	
4th quarter	-140	183	-367	-40	-45	-51	-93	-67	-72	-232	-361	226	-181	240	-15	
1987 1st quarter	-33	-366	48	13	9	-116	71	71	0	-62	-11	120	222	47	16	
2nd quarter	530	27	342	5	11	132	9	103	82	73	194	75	-189	244	106	
3rd quarter	1 473	192	135	-15	73	108	-4	-73	47	230	545	-640	515	446	185	
4th quarter	-650	-75	-623	26	-30	-546	-3	-38	-32	-44	-823	244	-319	30	337	
1988 1st quarter	219	-335	220	-60	28	128	35	70	19	67	41	113	226	28	80	
Revalued at 1980 prices																
Value of stocks and work in progress at end-December 1986 <sup>4</sup>	67 969	3 899	31 080	2 193	3 512	15 136	4 153	2 112	3 975	9 854	11 398	9 829	9 692	8 223	15 075	
	DGBA	DHBQ	DHBM	DGBX	DGBY	DGBZ	DGCA	DGCC	DCCC	DGAX	DGAY	DGAW	DHBO	DHBN	DHBR	
1980	-2 586	212	-2 321	-212	-361	-834	-248	-291	-376	-1 251	-714	-357	-392	-429	344	
1981	-2 404	-355	-1 516	-268	-125	-512	-251	-93	-267	-993	-48	-476	-218	182	-497	
1982	-1 038	47	-1 113	-200	0	-568	-81	-76	-186	-485	-472	-157	-5	12	21	
1983	728	2	-132	-67	27	150	-206	6	-44	-256	181	-57	-37	-9	904	
1984	305	-754	536	8	93	292	11	58	72	144	187	204	-20	397	146	
1985	659	41	-406	35	45	-451	-107	102	-32	71	-514	36	-122	204	942	
1986	558	64	-406	-64	-58	-147	-75	-18	-47	-149	-99	-158	72	583	245	
Seasonally adjusted																
1985 1st quarter	-80	-5	-212	-72	-8	-157	30	12	-17	2	-234	20	-76	-37	270	
2nd quarter	574	-93	220	66	36	107	-25	39	-5	43	2	175	119	96	232	
3rd quarter	180	-35	7	4	49	-21	-70	36	9	69	6	-68	-97	101	204	
4th quarter	-35	174	-421	37	-32	-380	-42	15	-19	-43	-288	-91	-68	44	236	
1986 1st quarter	443	26	-235	-17	26	-232	-51	14	24	-45	-117	-74	247	129	276	
2nd quarter	-59	-72	91	33	-22	46	39	13	-19	25	65	1	-122	158	-114	
3rd quarter	-278	-58	-83	-50	-44	30	25	-32	-12	-16	3	-69	-164	100	-73	
4th quarter	452	168	-179	-30	-18	9	-88	-13	-40	-113	-50	-16	111	196	156	
1987 1st quarter	-185	-24	-140	17	1	-130	-9	11	-30	-27	-45	-69	42	43	-106	
2nd quarter	-66	-193	43	-6	14	-97	65	18	47	65	28	-50	14	210	-140	
3rd quarter	828	18	322	-8	37	222	4	5	62	72	262	-12	102	298	88	
4th quarter	219	41	-246	20	-6	-246	-17	12	-8	30	-278	2	12	16	396	
1988 1st quarter	15	-61	-27	-34	15	32	-28	8	-20	68	-24	-71	36	40	27	

1. Differences between totals and the sum of constituent parts of manufacturing are due to rounding.

2. Classes 61-63 excluding activity heading 6148 - motor vehicles and accessories.

3. Classes 64-65 excluding activity headings 6510 and 6520 - motor vehicles and accessories and filling stations.

4. Seasonally unadjusted stock levels.

Sources: Central Statistical Office

Department of Trade

and Industry

# 1.7 Gross domestic fixed capital formation

## Analysis by sector and by type of asset

£ million

	Total	Private sector <sup>1</sup>	General government <sup>1</sup>	Public corporations <sup>1</sup>	Vehicles, ships and aircraft	Plant and machinery	Dwellings		Other new buildings and works <sup>1</sup>
							Private	Public	
<b>At current prices</b>									
1981	41 304	29 946	4 578	6 780	3 846	15 067	6 174	1 964	14 253
1982	44 824	33 395	4 315	7 114	4 285	16 296	6 850	2 070	15 323
1983	46 615	35 024	5 707	7 884	4 530	17 935	7 757	2 690	15 703
1984	54 994	41 051	6 493	7 450	5 632	20 299	9 004	2 746	17 313
1985	60 258	48 007	6 575	5 676	6 428	23 742	9 352	2 537	16 199
1986	63 620	50 955	7 181	5 484	6 046	24 631	10 891	2 667	19 385
1987	69 286	57 717	7 084	4 485	7 037	26 231	12 547	2 687	20 784
1985 1st quarter	15 696	11 669	2 247	1 780	2 205	6 268	1 685	949	4 589
2nd quarter	13 470	11 056	1 108	1 306	1 342	5 024	2 496	438	4 170
3rd quarter	15 018	12 115	1 581	1 320	1 425	5 745	2 659	574	4 613
4th quarter	16 076	13 167	1 639	1 270	1 456	6 705	2 512	576	4 827
1986 1st quarter	15 844	11 464	2 679	1 701	1 599	6 344	1 768	1 063	5 070
2nd quarter	14 114	11 695	1 217	1 202	1 331	5 373	2 745	431	4 234
3rd quarter	16 177	13 319	1 583	1 265	1 485	6 017	3 155	540	4 980
4th quarter	17 485	14 477	1 692	1 316	1 631	6 897	3 223	633	5 101
1987 1st quarter	16 685	12 346	2 776	1 563	1 622	6 418	2 276	1 027	5 342
2nd quarter	15 472	13 674	1 057	741	1 689	5 922	3 058	437	4 366
3rd quarter	17 434	14 828	1 515	1 091	1 802	6 260	3 569	536	5 267
4th quarter	19 695	16 869	1 736	1 090	1 924	7 631	3 644	687	5 809
1988 1st quarter	19 445	15 030	2 931	1 484	1 935	7 207	3 189	1 137	5 977
<b>Revalued at 1980 prices</b>									
1981	37 571	27 433	4 046	6 092	3 551	13 896	5 455	1 725	12 944
1982	39 593	29 635	3 763	6 195	3 643	14 044	5 811	1 826	14 269
1983	41 623	29 811	5 159	6 653	3 756	14 771	6 244	2 340	14 512
1984	44 918	33 102	5 740	6 076	4 318	15 974	6 519	2 252	15 855
1985	46 287	36 124	5 651	4 512	4 568	17 668	6 180	2 003	15 866
1986	46 172	35 925	6 030	4 217	3 987	17 500	6 774	2 049	15 863
1987	47 989	38 743	5 837	3 409	4 329	18 058	7 222	1 969	16 411
<b>Unadjusted</b>									
1985 1st quarter	12 456	9 124	1 923	1 409	1 601	4 815	1 174	755	4 111
2nd quarter	10 404	8 377	974	1 053	971	3 754	1 650	347	3 682
3rd quarter	11 421	9 015	1 359	1 047	995	4 227	1 735	453	4 011
4th quarter	12 006	9 608	1 395	1 003	1 001	4 872	1 621	448	4 064
1986 1st quarter	11 841	8 299	2 225	1 317	1 072	4 552	1 161	827	4 229
2nd quarter	10 259	8 297	1 039	923	883	3 831	1 733	333	3 479
3rd quarter	11 597	9 264	1 352	981	977	4 241	1 944	412	4 023
4th quarter	12 475	10 065	1 414	996	1 055	4 876	1 936	476	4 132
1987 1st quarter	11 990	8 569	2 236	1 185	1 011	4 491	1 363	766	4 359
2nd quarter	10 733	9 227	914	592	1 049	4 085	1 794	322	3 483
3rd quarter	11 891	9 818	1 255	818	1 106	4 246	2 039	392	4 106
4th quarter	13 375	11 129	1 432	814	1 163	5 236	2 026	489	4 461
1988 1st quarter	13 109	9 715	2 310	1 084	1 118	4 886	1 738	797	4 570
<b>Seasonally adjusted</b>									
1985 1st quarter	12 201	9 685	1 309	1 207	1 523	4 745	1 526	513	3 894
2nd quarter	11 258	8 672	1 413	1 173	1 043	4 156	1 523	486	4 050
3rd quarter	11 493	8 919	1 459	1 115	1 048	4 403	1 558	514	3 970
4th quarter	11 335	8 848	1 470	1 017	954	4 364	1 573	490	3 954
1986 1st quarter	11 507	8 843	1 557	1 107	993	4 430	1 534	562	3 988
2nd quarter	11 188	8 640	1 502	1 046	962	4 275	1 622	483	3 846
3rd quarter	11 664	9 145	1 469	1 050	1 030	4 400	1 752	475	4 007
4th quarter	11 813	9 297	1 502	1 014	1 002	4 395	1 866	528	4 022
1987 1st quarter	11 818	9 181	1 620	1 017	962	4 374	1 792	527	4 163
2nd quarter	11 680	9 646	1 354	680	1 132	4 572	1 665	461	3 850
3rd quarter	11 861	9 625	1 351	885	1 135	4 403	1 822	445	4 056
4th quarter	12 630	10 291	1 512	827	1 100	4 709	1 943	536	4 342
1988 1st quarter	13 089	10 537	1 647	905	1 072	4 787	2 307	527	4 396

1. Including transfer costs of land and buildings.

Source: Central Statistical Office

Capital formation

**1.7 Gross domestic fixed capital formation**  
Analysis by industry group

continued

£ million

	Total	Extraction of mineral oil and natural gas	All other energy and water supply	Manufacturing (revised definition)	Distribution, hotels and catering repairs	Transport and communication <sup>1</sup>	Financial and business services etc.	Other industries and services <sup>2</sup>	Dwellings	Transfer cost of land and buildings
<b>At current prices</b>	DFDC	DFDE	DFEK	DFDD	DFDJ	DFDI	DFEL	DFEM	DFDK	DFBH
1983	48 615	2 901	4 127	5 859	3 776	3 785	7 144	8 179	10 447	2 397
1984	54 994	3 151	3 653	7 342	4 514	4 618	8 587	8 703	11 750	2 676
1985	60 258	2 819	3 816	8 735	5 180	5 057	10 631	9 146	11 889	2 985
1986	63 620	2 576	4 168	9 075	5 565	5 141	10 419	9 631	13 558	3 487
1987	69 286	2 046	4 188	10 028	6 376	5 543	12 240	9 813	15 234	3 818
<b>Unadjusted</b>										
1985 1st quarter	15 696	632	1 029	2 053	1 225	1 683	3 082	2 725	2 634	633
2nd quarter	13 470	710	866	1 967	1 173	1 067	2 121	1 899	2 934	733
3rd quarter	15 016	757	946	2 151	1 367	1 093	2 440	2 220	3 233	809
4th quarter	16 076	720	975	2 564	1 415	1 214	2 988	2 302	3 088	810
1986 1st quarter	15 844	548	1 226	2 228	1 180	1 374	2 696	3 032	2 831	729
2nd quarter	14 114	667	879	1 974	1 278	1 070	2 304	1 959	3 176	807
3rd quarter	16 177	721	972	2 321	1 463	1 296	2 419	2 295	3 695	995
4th quarter	17 485	640	1 091	2 552	1 644	1 401	3 000	2 345	3 856	956
1987 1st quarter	16 685	431	1 199	2 309	1 359	1 295	2 830	3 148	3 303	811
2nd quarter	15 472	555	885	2 314	1 410	1 328	2 753	1 895	3 495	837
3rd quarter	17 434	540	1 006	2 500	1 711	1 423	2 770	2 316	4 105	1 063
4th quarter	19 695	520	1 098	2 905	1 896	1 497	3 887	2 454	4 331	1 107
1988 1st quarter	19 445	457	1 264	2 602	1 507	1 522	3 337	3 399	4 326	1 031
<b>Revalued at 1980 prices</b>										
1981	37 571	2 681	3 304	4 870	2 973	3 048	5 900	5 964	7 180	1 651
1982	39 593	2 754	3 279	4 709	3 178	2 779	6 518	6 925	7 637	1 814
1983	41 623	2 589	3 429	4 784	3 283	3 203	6 491	7 265	8 584	1 995
1984	44 918	2 829	2 929	5 749	3 781	3 657	7 436	7 614	8 771	2 152
1985	46 287	2 375	2 962	6 428	4 115	3 807	8 648	7 619	8 183	2 150
1986	46 172	2 016	3 121	6 329	4 192	3 711	8 108	7 647	8 822	2 226
1987	47 989	1 580	3 056	6 741	4 653	3 857	9 112	7 540	9 191	2 259
<b>Unadjusted</b>										
1985 1st quarter	12 456	556	809	1 554	986	1 270	2 536	2 320	1 929	496
2nd quarter	10 404	611	675	1 464	948	820	1 754	1 599	1 997	536
3rd quarter	11 421	633	728	1 574	1 090	820	1 981	1 836	2 188	571
4th quarter	12 006	575	750	1 836	1 091	897	2 377	1 864	2 069	547
1986 1st quarter	11 841	444	925	1 563	899	1 004	2 111	2 428	1 988	479
2nd quarter	10 259	528	661	1 381	973	775	1 800	1 557	2 066	518
3rd quarter	11 597	554	729	1 612	1 097	934	1 882	1 816	2 356	617
4th quarter	12 475	490	806	1 773	1 223	998	2 315	1 846	2 412	612
1987 1st quarter	11 980	337	886	1 577	1 001	929	2 131	2 467	2 129	533
2nd quarter	10 733	428	650	1 568	1 029	923	2 054	1 461	2 116	504
3rd quarter	11 891	419	729	1 668	1 240	979	2 050	1 764	2 431	611
4th quarter	13 375	396	791	1 928	1 383	1 026	2 877	1 848	2 515	611
1988 1st quarter	13 109	347	894	1 701	1 081	1 019	2 447	2 530	2 535	555
<b>Seasonally adjusted</b>										
	DECU	DFDZ	DFEQ	DECV	DPEF	DFEE	DFER	DFES	DFEG	DECX
1985 1st quarter	12 201	636	708	1 601	1 046	1 144	2 603	1 889	2 039	535
2nd quarter	11 258	563	750	1 600	1 013	952	1 901	1 922	2 009	548
3rd quarter	11 493	608	758	1 602	1 046	887	2 074	1 909	2 072	537
4th quarter	11 335	568	746	1 625	1 010	824	2 070	1 899	2 063	530
1986 1st quarter	11 507	516	806	1 605	958	893	2 160	1 953	2 096	520
2nd quarter	11 188	483	746	1 515	1 047	898	1 960	1 903	2 105	531
3rd quarter	11 664	532	771	1 640	1 052	998	1 957	1 906	2 227	581
4th quarter	11 813	485	798	1 569	1 135	922	2 031	1 885	2 394	594
1987 1st quarter	11 818	392	771	1 617	1 071	844	2 214	2 008	2 319	582
2nd quarter	11 680	389	737	1 717	1 108	1 046	2 233	1 808	2 126	516
3rd quarter	11 861	403	768	1 686	1 181	1 026	2 113	1 846	2 267	571
4th quarter	12 630	396	780	1 721	1 293	941	2 552	1 878	2 479	590
1988 1st quarter	13 089	406	773	1 747	1 169	937	2 561	2 054	2 834	608

1. In this series capital formation in imported ships is included at the time of delivery instead of when the expenditure takes place.

2. Covers agriculture, forestry and fishing construction and other service industries.

Source: Central Statistical Office

## 1.8

Fixed capital expenditure in manufacturing industry (revised definition)<sup>1</sup>

£ million

Analysis by industry according to the Standard Industrial Classification 1980									
Division, Class or Group	Total	Metals	Mineral products	Chemicals, etc.	Mechanical engineering	Electrical engineering	Vehicles	Food	Drink and tobacco
	2-4	21,22	23,24	25,26	31,32	33, 34,37	35,36	41 plus 420-423	424-429
<b>At current prices</b>									
1980	6 479	387	444	1 039	949	568	862	621	338
1981	5 317	297	333	841	757	554	659	602	296
1982	5 479	262	362	811	729	594	660	704	297
1983	5 856	251	373	917	740	692	708	693	303
1984	7 381	239	507	996	938	980	886	896	339
1985	8 734	359	543	1 343	1 102	1 133	1 012	1 000	394
1986	8 828	417	462	1 368	1 097	1 078	1 057	973	322
1987	9 879	535	638	1 455	1 018	1 066	1 004	1 045	404
1984 1st quarter	1 647	54	110	220	230	211	178	193	71
2nd quarter	1 643	46	118	248	199	222	173	210	75
3rd quarter	1 816	61	124	237	229	227	240	227	74
4th quarter	2 275	79	156	290	281	320	294	266	119
1985 1st quarter	2 064	100	130	284	255	297	257	218	95
2nd quarter	1 977	63	109	330	230	264	205	231	96
3rd quarter	2 150	84	138	329	265	272	231	261	107
4th quarter	2 544	111	165	400	352	300	320	289	96
1986 1st quarter	2 186	99	110	315	298	308	238	211	89
2nd quarter	1 910	78	110	339	206	213	213	232	69
3rd quarter	2 243	105	113	331	260	264	274	249	87
4th quarter	2 489	134	130	384	333	294	333	281	76
1987 1st quarter	2 168	163	137	336	218	252	189	218	96
2nd quarter	2 274	99	156	347	228	256	198	275	103
3rd quarter	2 527	130	145	338	280	262	281	270	101
4th quarter	2 910	142	199	434	292	295	336	283	104
1988 1st quarter	2 616	174	171	389	229	294	266	296	85
2nd quarter	2 708	138	153	385	216	257	304	298	98
<b>Revalued at 1985 prices</b>									
1980	8 763	516	593	1 373	1 309	748	1 170	858	455
1981	6 581	363	406	1 017	955	672	821	760	363
1982	6 362	304	413	929	859	680	770	826	342
1983	6 463	274	406	1 002	825	757	783	770	333
1984	7 810	251	533	1 046	1 000	1 034	938	951	358
1985	8 726	358	542	1 340	1 099	1 134	1 012	998	394
1986	8 479	400	443	1 315	1 052	1 044	1 018	934	308
1987	9 087	496	587	1 349	935	996	930	959	368
<b>Seasonally adjusted</b>									
1984 1st quarter	1 851	54	125	250	249	226	215	230	81
2nd quarter	1 904	62	133	266	243	257	219	235	88
3rd quarter	1 952	64	139	258	249	248	254	234	80
4th quarter	2 103	71	137	273	259	302	250	252	110
1985 1st quarter	2 190	92	142	311	262	299	291	247	101
2nd quarter	2 175	84	116	336	269	291	247	244	103
3rd quarter	2 158	87	145	340	268	276	226	252	105
4th quarter	2 203	95	139	354	300	268	248	256	85
1986 1st quarter	2 177	84	111	323	290	294	255	227	87
2nd quarter	2 000	99	110	325	231	226	250	232	69
3rd quarter	2 183	103	114	336	254	266	260	233	82
4th quarter	2 118	114	108	331	276	259	253	242	69
1987 1st quarter	2 075	119	135	338	205	232	200	226	90
2nd quarter	2 302	125	151	326	247	262	228	268	97
3rd quarter	2 333	131	141	332	255	245	258	237	89
4th quarter	2 377	121	160	353	229	257	243	228	92
1988 1st quarter	2 385	133	160	366	206	257	270	288	74
2nd quarter	2 623	172	140	343	218	258	333	272	88

1. Totals may not be the exact sums of component items due to rounding.

Source: Department of Trade and Industry

Capital formation

1.8  
continued

Fixed capital expenditure in manufacturing industry (revised definition)<sup>1</sup>

£ million

Division, Class or Group	Analysis by industry SIC 1980			Analysis by type of asset			Assets leased to manu- facturers	Total including leased assets
	Textiles, leather and clothing	Paper, printing and publishing	Other manu- facturing industries	New building work	Vehicles	Plant and machinery		
	43-45	47	46,48,49	2-4	2-4	2-4		
<b>At current prices</b>								
1980	235	542	495	1 053	468	4 959	830	7 309
1981	180	445	352	856	406	4 054	918	6 235
1982	238	433	391	700	472	4 306	1 042	6 521
1983	248	499	430	605	505	4 746	966	6 822
1984	336	693	571	905	592	5 884	1 046	8 427
1985	384	828	637	1 110	595	7 028	1 531	10 265
1986	448	953	653	1 038	609	7 181	1 154	9 982
1987	569	1 291	854	1 283	703	7 894	1 066	10 945
1984 1st quarter	82	168	131	179	165	1 303	185	1 832
2nd quarter	81	143	128	193	150	1 300	207	1 850
3rd quarter	80	176	142	220	129	1 468	289	2 106
4th quarter	94	206	170	313	148	1 814	364	2 640
1985 1st quarter	94	173	161	273	155	1 635	478	2 542
2nd quarter	91	197	161	256	141	1 580	273	2 249
3rd quarter	89	215	157	262	144	1 744	305	2 455
4th quarter	110	243	158	319	156	2 069	475	3 019
1986 1st quarter	114	245	160	221	161	1 805	491	2 677
2nd quarter	110	189	151	183	156	1 572	264	2 175
3rd quarter	108	281	170	270	157	1 815	191	2 433
4th quarter	116	238	172	364	135	1 990	208	2 697
1987 1st quarter	112	287	160	254	175	1 739	265	2 432
2nd quarter	148	289	176	305	176	1 793	248	2 522
3rd quarter	156	300	262	344	172	2 011	268	2 795
4th quarter	154	415	257	380	179	2 351	266	3 196
1988 1st quarter	111	378	222	309	200	2 107	273	2 889
2nd quarter	162	467	231	311	197	2 199	271	2 978
<b>Revalued at 1985 prices</b>								
1980	311	765	668	1 143	654	6 886	1 158	9 920
1981	219	574	435	835	528	5 164	1 155	7 735
1982	272	519	451	714	560	5 063	1 241	7 603
1983	276	562	476	635	592	5 237	1 078	7 541
1984	355	739	604	929	649	6 232	1 112	8 922
1985	384	827	637	1 110	596	7 020	1 533	10 259
1986	428	911	626	1 007	562	6 910	1 098	9 576
1987	516	1 169	780	1 213	585	7 289	963	10 050
<b>Seasonally adjusted</b>								
1984 1st quarter	90	181	148	206	179	1 466	217	2 068
2nd quarter	88	168	146	227	167	1 510	253	2 157
3rd quarter	85	194	148	229	147	1 577	350	2 303
4th quarter	91	196	162	267	157	1 680	292	2 395
1985 1st quarter	98	174	174	301	154	1 735	523	2 713
2nd quarter	93	219	173	299	142	1 733	309	2 484
3rd quarter	91	218	149	256	149	1 753	340	2 498
4th quarter	102	215	142	254	151	1 798	360	2 564
1986 1st quarter	113	230	62	227	144	1 805	478	2 655
2nd quarter	105	198	155	204	144	1 653	278	2 278
3rd quarter	104	276	155	270	149	1 764	195	2 378
4th quarter	106	207	154	305	124	1 689	147	2 265
1987 1st quarter	107	259	163	271	147	1 656	255	2 330
2nd quarter	133	87	176	335	144	1 823	253	2 554
3rd quarter	141	281	223	313	144	1 876	258	2 592
4th quarter	134	342	218	294	160	1 933	196	2 574
1988 1st quarter	99	322	209	293	154	1 938	252	2 638
2nd quarter	137	448	215	314	156	2 153	265	2 888

1. See footnote on page 13.

Source: Department of Trade and Industry

## Analysis by industry according to SIC 1980

Division or class	5	Finance and business services										Analysis by type of asset		
		Distribution, etc.				Banking insurance and other finance				Business services etc.		New building work	Vehicles	Plant and machinery
		Construction	Whole-sale	Retail and repair	Hotels and catering	Road and misc. transport leasing	Finance	insurance	other finance	Total				
5,6,8 plus 72,														
72,														
61-63	64	65	67	66	76/77	81 pt	81 pt	82	83-85	76/77				
1981	441	904	1 656	662	1 213	2 240	1 580	2 506	11 203	3 674	2 576	4 950	310	
1982	542	1 103	1 783	691	1 193	2 700	1 770	2 663	12 446	3 917	2 965	5 564	367	
1983	595	1 180	1 871	722	1 406	2 483	1 966	2 698	12 922	3 982	2 915	6 025	217	
1984	519	1 394	2 347	771	1 582	3 522	2 162	2 892	15 189	4 247	3 556	7 386	526	
1985	531	1 707	2 528	945	1 667	4 931	2 161	3 526	17 996	4 527	4 442	9 027	372	
1986	548	1 590	2 951	1 213	1 829	4 168	2 558	3 879	18 736	5 216	4 472	9 047	141	
1987	568	1 728	3 700	1 682	1 928	4 839	3 407	4 421	22 273	6 412	5 303	10 558	268	
1984 1st quarter	116	296	536	193	401	713	440	737	3 432	944	925	1 563	53	
2nd quarter	144	317	522	175	352	664	540	774	3 489	1 061	787	1 641	50	
3rd quarter	134	357	638	210	394	883	543	653	3 812	1 070	902	1 841	136	
4th quarter	126	424	650	192	434	1 263	638	727	4 455	1 171	942	2 341	287	
1985 1st quarter	153	385	595	237	442	1 841	470	772	4 895	1 045	1 371	2 479	174	
2nd quarter	136	413	540	212	374	818	447	839	3 780	1 070	944	1 765	42	
3rd quarter	125	441	696	230	394	934	600	899	4 320	1 157	1 039	2 124	69	
4th quarter	116	468	697	266	458	1 338	643	1 016	5 002	1 254	1 088	2 659	87	
1986 1st quarter	152	321	630	260	458	1 316	567	844	4 549	1 220	1 133	2 196	73	
2nd quarter	131	359	656	310	393	861	594	898	4 202	1 232	986	1 984	33	
3rd quarter	139	405	816	299	477	855	649	971	4 611	1 361	1 081	2 170	51	
4th quarter	126	505	849	344	502	1 135	747	1 167	5 374	1 404	1 272	2 698	-16	
1987 1st quarter	136	359	748	326	448	1 240	604	1 004	4 866	1 292	1 301	2 274	-120	
2nd quarter	131	405	776	436	494	1 051	805	970	5 069	1 450	1 229	2 390	94	
3rd quarter	180	456	1 028	450	510	980	797	1 062	5 465	1 614	1 344	2 507	133	
4th quarter	121	508	1 147	470	475	1 569	1 201	1 384	6 873	2 056	1 430	3 387	161	
1988 1st quarter	169	395	891	347	521	1 489	862	1 018	5 692	1 566	1 392	2 732	27	
2nd quarter	221	479	986	331	493	1 249	867	1 178	5 804	1 549	1 361	2 894		
Revalued at 1985 prices														
1981	538	1 084	1 916	750	1 420	2 594	1 620	2 610	12 533	3 667	3 266	5 638	377	
1982	607	1 249	1 995	772	1 347	2 963	1 834	2 742	13 510	4 051	3 452	6 035	433	
1983	658	1 299	2 062	788	1 540	2 650	2 031	2 801	13 829	4 159	3 330	6 340	239	
1984	553	1 482	2 503	818	1 667	3 668	2 239	2 985	15 915	4 447	3 851	7 617	544	
1985	532	1 705	2 524	944	1 666	4 945	2 155	3 525	17 996	4 521	4 452	9 023	371	
1986	520	1 512	2 775	1 143	1 733	4 057	2 457	3 755	17 952	4 876	4 117	8 959	103	
1987	508	1 561	3 284	1 484	1 719	4 534	3 075	4 071	20 236	5 455	4 473	10 308	192	
Seasonally adjusted														
1984 1st quarter	125	353	610	201	402	768	503	741	3 703	1 026	990	1 687	56	
2nd quarter	149	362	619	195	424	798	597	846	3 991	1 195	887	1 909	96	
3rd quarter	142	379	643	221	423	1 056	557	703	4 123	1 100	998	2 024	145	
4th quarter	138	389	630	200	418	1 045	583	695	4 098	1 125	976	1 997	247	
1985 1st quarter	155	444	646	241	425	1 895	539	792	5 137	1 131	1 367	2 639	188	
2nd quarter	135	439	610	221	420	935	479	892	4 132	1 150	981	2 000	87	
3rd quarter	123	427	647	227	400	1 060	593	924	4 399	1 121	1 066	2 212	62	
4th quarter	120	395	621	256	420	1 055	545	917	4 328	1 118	1 039	2 171	34	
1986 1st quarter	142	349	634	251	418	1 270	613	817	4 494	1 205	1 032	2 256	71	
2nd quarter	124	364	694	298	410	945	596	937	4 368	1 218	944	2 207	69	
3rd quarter	127	379	716	282	459	959	632	978	4 532	1 257	1 018	2 257	24	
4th quarter	127	419	730	312	447	883	617	1 023	4 558	1 197	1 122	2 239	-61	
1987 1st quarter	118	378	726	303	397	1 162	630	964	4 679	1 200	1 114	2 364	-64	
2nd quarter	121	390	785	389	478	1 132	759	965	5 018	1 306	1 070	2 642	111	
3rd quarter	152	402	849	395	455	1 054	753	993	5 052	1 364	1 133	2 556	77	
4th quarter	117	391	925	398	389	1 187	933	1 149	5 487	1 584	1 156	2 746	68	
1988 1st quarter	138	404	848	315	426	1 369	892	948	5 339	1 465	1 088	2 787	41	
2nd quarter	203	445	952	285	462	1 321	804	1 174	5 646	1 369	1 121	3 157		

Source: Department of Trade and Industry

## 2 Population and vital statistics

### 2.1 Mid-year estimates of resident population

Thousands

	United Kingdom			England and Wales			Scotland			Northern Ireland		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1971	55 928	27 167	28 761	49 152	23 897	25 255	5 236	2 516	2 720	1 540	755	786
1972	56 097	27 259	28 837	49 327	23 989	25 339	5 231	2 513	2 717	1 539	758	781
1973	56 223	27 332	28 891	49 459	24 061	25 399	5 234	2 515	2 718	1 530	756	774
1974	56 236	27 349	28 887	49 468	24 075	25 393	5 241	2 519	2 722	1 527	755	772
1975	56 226	27 361	28 865	49 470	24 091	25 378	5 232	2 516	2 716	1 524	753	770
1976	56 216	27 360	28 856	49 459	24 089	25 370	5 233	2 517	2 716	1 524	754	769
1977	56 190	27 345	28 845	49 440	24 076	25 364	5 226	2 515	2 711	1 523	754	769
1978	56 178	27 330	28 848	49 443	24 067	25 375	5 212	2 509	2 704	1 523	754	770
1979	56 240	27 373	28 867	49 508	24 113	25 395	5 204	2 505	2 699	1 528	755	773
1980	56 330	27 411	28 919	49 603	24 156	25 448	5 194	2 501	2 693	1 533	755	778
1981	56 352	27 409	28 943	49 634	24 160	25 474	5 180	2 495	2 685	1 538	754	783
1982	56 306	27 386	28 920	49 601	24 143	25 459	5 167	2 489	2 677	1 538	754	784
1983	56 347	27 417	28 931	49 654	24 176	25 478	5 150	2 485	2 665	1 543	756	787
1984	56 460	27 487	28 972	49 764	24 244	25 519	5 146	2 484	2 662	1 550	760	791
1985	56 618	27 574	29 044	49 924	24 330	25 594	5 137	2 480	2 656	1 558	763	795
1986	56 763	27 647	29 116	50 075	24 403	25 672	5 121	2 475	2 646	1 567	768	798
1987	56 930	27 737	29 193	50 243	24 493	25 750	5 112	2 471	2 641	1 575	773	802

Sources: Office of Population Censuses and Surveys  
 General Register Office (Scotland)  
 General Register Office (Northern Ireland)

### 2.2 Age distribution of estimated resident population at 30 June 1987

Thousands

	Resident Population											
	United Kingdom			England and Wales			Wales		Scotland		Northern Ireland	
	Persons	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	
All ages	56 930.2	27 736.8	29 193.4	24 492.8	25 750.1	1 377.1	1 459.1	2 470.6	2 641.5	773.4	801.8	
0-14	10 747.8	5 515.8	5 232.0	4 817.4	4 568.1	275.2	260.5	495.2	470.5	203.1	193.4	
15-64	37 368.3	18 726.6	18 641.7	16 542.7	16 442.3	918.1	917.3	1 688.7	1 706.8	495.3	492.6	
65 and over	8 814.0	3 494.4	5 319.6	3 132.8	4 739.7	183.8	281.3	286.7	464.1	74.9	115.8	
0-4	3 685.3	1 888.7	1 796.6	1 653.5	1 573.1	93.3	88.8	164.9	157.3	70.3	66.2	
5-9	3 549.3	1 820.8	1 728.5	1 590.8	1 508.5	90.1	85.3	163.3	155.3	66.6	64.7	
10-14	3 513.2	1 806.3	1 706.9	1 573.0	1 486.5	91.8	86.5	167.0	157.9	66.2	62.5	
15-19	4 376.9	2 242.2	2 134.7	1 958.9	1 864.4	111.5	106.5	209.3	201.9	74.0	68.4	
20-24	4 784.9	2 436.7	2 348.1	2 136.1	2 067.8	117.1	115.2	227.5	215.8	73.2	64.5	
25-29	4 372.8	2 206.4	2 166.4	1 939.4	1 909.9	104.4	102.5	205.8	197.7	61.2	58.8	
30-34	3 836.7	1 930.7	1 906.0	1 702.5	1 679.1	90.2	87.4	177.6	175.1	50.6	51.8	
35-39	3 957.5	1 978.3	1 979.2	1 757.5	1 759.3	96.2	96.4	172.9	172.2	47.9	47.7	
40-44	3 852.6	1 936.4	1 916.2	1 726.7	1 704.6	93.2	93.2	163.0	163.8	46.6	47.8	
45-49	3 150.5	1 577.0	1 573.5	1 396.9	1 386.9	79.3	78.3	140.4	146.3	39.7	40.3	
50-54	3 023.3	1 506.7	1 516.6	1 334.8	1 333.4	75.2	76.0	135.5	144.6	36.4	38.6	
55-59	3 030.6	1 485.6	1 545.0	1 319.1	1 360.6	74.8	77.9	132.6	146.7	33.9	37.7	
60-64	2 982.5	1 426.6	1 555.9	1 270.6	1 376.3	76.3	83.9	124.1	142.8	31.8	36.9	
65-69	2 749.5	1 252.7	1 496.8	1 120.6	1 328.0	68.0	81.4	104.7	134.0	27.4	34.9	
70-74	2 288.5	971.1	1 317.4	869.0	1 171.0	51.2	69.8	80.8	116.7	21.3	29.8	
75-79	1 849.3	707.9	1 141.3	634.6	1 016.3	36.2	59.7	58.0	99.9	15.3	25.1	
80-84	1 167.0	379.5	787.5	342.1	704.4	19.2	41.0	29.8	67.4	7.6	15.7	
85 and over	759.8	183.3	576.5	166.4	520.0	9.3	29.4	13.4	46.2	3.4	10.3	

Note: Figures may not add due to rounding.

Sources: Office of Population Censuses and Surveys  
 General Register Office (Scotland)  
 General Register Office (Northern Ireland)

## 2.3

## Births and marriages

Thousands

	Live births <sup>1</sup>					Marriages				
	United Kingdom	England and Wales			Northern Ireland	United Kingdom	England and Wales			Northern Ireland
		Total	Wales	Scotland			Total	Wales	Scotland	
1981	730.8	634.5	35.8	69.1	27.3	397.8	352.0	19.8	36.2	9.6
1982	719.2	625.9	35.7	66.2	27.0	387.0	342.2	19.0	34.9	9.9
1983	721.5	629.1	35.5	65.1	27.3	389.3	344.3	19.9	35.0	10.0
1984	729.6	636.8	35.9	65.1	27.7	395.8	349.2	19.2	36.3	10.4
1985	750.7	656.4	36.8	66.7	27.6	393.1	346.4	19.1	36.4	10.3
1986	755.0	661.0	37.0	65.8	28.2	393.9	347.9	19.5	35.8	10.2
1987	775.6	681.5	37.8	66.2	27.9	397.9	351.8	19.5	35.8	10.4 <sup>b</sup>
1984 1st quarter	176.1	153.5	8.6	15.7	6.9	61.3	54.4	3.1	5.4	1.5
2nd quarter	180.7	157.7	8.8	15.9	7.0	115.0	102.1	5.5	10.1	2.9
3rd quarter	191.0	167.1	9.4	16.9	7.0	146.2	129.0	7.1	12.9	4.3
4th quarter	181.8	158.4	9.0	16.7	6.7	73.3	63.7	3.5	7.9	1.7
1985 1st quarter	183.3	160.4	9.0	16.0	6.9	57.6	51.1	2.8	5.1	1.4
2nd quarter	188.9	165.3	9.2	16.6	7.1	113.9	100.7	5.5	10.2	3.0
3rd quarter	196.7	172.3	9.6	17.2	7.2	148.7	131.0	7.3	13.4	4.3
4th quarter	181.8	158.5	9.0	16.9	6.4	72.9	63.5	3.6	7.7	1.7
1986 1st quarter	182.4	160.0	8.9	15.5	6.9	57.3	50.8	3.0	5.0	1.5
2nd quarter	193.7	169.0	9.5	17.2	7.5	111.1	98.1	5.4	10.2	2.9
3rd quarter	194.5	170.8	9.5	16.6	7.1	150.2	132.9	7.4	13.0	4.3
4th quarter	184.4	161.2	9.2	16.5	6.6	75.4	66.2	3.8	7.6	1.6
1987 1st quarter	185.8	162.7	9.2	16.1	7.0	55.2 <sup>b</sup>	48.8 <sup>b</sup>	2.7 <sup>b</sup>	5.1 <sup>b</sup>	1.3 <sup>b</sup>
2nd quarter	199.1	174.9	9.6	16.7	7.4	114.5 <sup>b</sup>	101.8 <sup>b</sup>	5.5 <sup>b</sup>	9.9 <sup>b</sup>	3.0 <sup>b</sup>
3rd quarter	200.8	176.6	9.7	17.0	7.1	153.4 <sup>b</sup>	135.7 <sup>b</sup>	7.6 <sup>b</sup>	13.3 <sup>b</sup>	4.4 <sup>b</sup>
4th quarter	190.0	167.3	9.3	16.4	6.3	74.5 <sup>b</sup>	65.4 <sup>b</sup>	3.7 <sup>b</sup>	7.5 <sup>b</sup>	1.7 <sup>b</sup>
1988 1st quarter <sup>b</sup>	197.4	173.4		16.9	7.2					

1. Figures for England and Wales relate to occurrences. Figures for Scotland and Northern Ireland relate to births registered.

Sources: Office of Population Censuses and Surveys  
General Register Office (Scotland)  
General Register Office (Northern Ireland)

## 2.4

Deaths registered<sup>1</sup>

Thousands

	Total					Infants under one year				
	United Kingdom	England and Wales			Northern Ireland	United Kingdom	England and Wales			Northern Ireland
		Total	Wales	Scotland			Total	Wales	Scotland	
1981	658.0	577.9	35.0	63.8	16.3	8.16	7.02	0.45	0.78	0.36
1982	662.8	581.9	35.2	65.0	15.9	7.90	6.78	0.38	0.75	0.37
1983	659.1	579.6	35.2	63.5	16.0	7.36	6.38	0.38	0.65	0.33
1984	644.9	566.9	33.7	62.3	15.7	7.00	6.04	0.31	0.67	0.29
1985	670.6	590.7	35.5	64.0	16.0	7.03	6.14	0.36	0.62	0.27
1986	660.7 <sup>b</sup>	581.2	34.7	63.5	16.1	7.18 <sup>b</sup>	6.31	0.35	0.58	0.29
1987	644.3 <sup>b</sup>	567.0	33.9	62.0 <sup>b</sup>	15.3 <sup>b</sup>	7.08	6.27	0.36	0.56 <sup>b</sup>	0.24 <sup>b</sup>
1984 1st quarter	179.8	158.1	9.4	17.2	4.4	2.09	1.82	0.10	0.18	0.08
2nd quarter	161.6	142.0	8.4	15.6	4.1	1.69	1.44	0.07	0.16	0.09
3rd quarter	140.4	123.2	7.2	13.8	3.3	1.47	1.26	0.07	0.16	0.06
4th quarter	163.1	143.5	8.6	15.7	3.9	1.75	1.52	0.07	0.17	0.06
1985 1st quarter	195.2	173.2	10.0	17.5	4.5	1.82	1.59	0.09	0.17	0.07
2nd quarter	160.7	141.4	8.6	15.3	4.0	1.74	1.52	0.09	0.15	0.08
3rd quarter	147.5	129.6	7.8	14.4	3.5	1.55	1.35	0.09	0.14	0.06
4th quarter	167.3	146.6	9.1	16.8	4.0	1.91	1.69	0.09	0.17	0.05
1986 1st quarter	194.3 <sup>b</sup>	171.1	10.1	18.5	4.8	2.00 <sup>b</sup>	1.78	0.09	0.15	0.07
2nd quarter	160.9 <sup>b</sup>	141.3	8.6	15.6	4.0	1.80 <sup>b</sup>	1.56	0.11	0.15	0.09
3rd quarter	146.8 <sup>b</sup>	129.0	7.7	14.3	3.6	1.61 <sup>b</sup>	1.41	0.07	0.14	0.06
4th quarter	158.7 <sup>b</sup>	139.8	8.4	15.2	3.8	1.78 <sup>b</sup>	1.56	0.08	0.15	0.07
1987 1st quarter	175.0 <sup>b</sup>	153.9	9.3	16.9 <sup>b</sup>	4.1 <sup>b</sup>	1.96 <sup>b</sup>	1.73	0.10	0.15 <sup>b</sup>	0.08 <sup>b</sup>
2nd quarter	154.0 <sup>b</sup>	135.4	8.1	14.9 <sup>b</sup>	3.7 <sup>b</sup>	1.64 <sup>b</sup>	1.46	0.08	0.13 <sup>b</sup>	0.05 <sup>b</sup>
3rd quarter	146.3 <sup>b</sup>	128.8	7.7	14.1 <sup>b</sup>	3.5 <sup>b</sup>	1.54 <sup>b</sup>	1.35	0.08	0.13 <sup>b</sup>	0.06 <sup>b</sup>
4th quarter	169.1 <sup>b</sup>	148.9	8.8	16.1 <sup>b</sup>	4.1 <sup>b</sup>	1.93 <sup>b</sup>	1.72	0.10	0.15 <sup>b</sup>	0.05 <sup>b</sup>
1988 1st quarter		159.4	9.3		4.5 <sup>b</sup>		1.8	0.09		0.07 <sup>b</sup>
2nd quarter					4.0 <sup>b</sup>					0.07 <sup>b</sup>

1. Excluding stillbirths.

Sources: Office of Population Censuses and Surveys  
General Register Office (Scotland)  
General Register Office (Northern Ireland)

# 3 Employment

## 3.1 Distribution of the workforce

Thousands

	Unadjusted							Seasonally adjusted		
	Work force <sup>1</sup>	Un-employed excluding students <sup>2</sup>	Work force in employment <sup>1</sup>	Employees in employment <sup>3</sup>			Self-employed persons (with or without employees) <sup>4</sup>	HM Forces <sup>5</sup>	Work force <sup>1</sup>	Employees in employment <sup>3</sup>
				Total	Males	Females				
1980	26 839	1 513	25 327	22 991	13 319	9 672	2 013	323	26 759	22 965
1981	26 741	2 395	24 346	21 892	12 562	9 331	2 119	334	26 696	21 869
1982 At June	26 677	2 770	23 906	21 414	12 205	9 209	2 170	324	26 609	21 394
1983	26 610	2 984	23 626	21 067	11 940	9 127	2 221	322	26 632	21 052
1984	27 265	3 030	24 235	21 238	11 888	9 350	2 496	326	27 299	21 219
1985	27 797	3 179	24 618	21 506	11 966	9 540	2 610	326	27 820	21 495
1985 December	28 065	3 273	24 792	21 632	11 980	9 653	2 619	323	27 966	21 558
1986 March	27 895	3 324	24 571	21 435	11 866	9 569	2 623	323	28 009	21 561
June	27 985	3 229	24 756	21 581	11 891	9 691	2 627	322	28 064	21 572
September	28 275	3 333	24 942	21 649	11 934	9 715	2 685	323	28 165	21 590
December	28 289	3 229	25 060	21 718	11 866	9 852	2 744	320	28 196	21 641
1987 March	28 095	3 143	24 952	21 575	11 800	9 775	2 802	320	28 206	21 702
June	28 211	2 905	25 306	21 816	11 883	9 932	2 861	319	28 288	21 806
September	28 387	2 870	25 516	21 922	11 964	9 959	2 892	319	28 291	21 862
December	28 361	2 696	25 665	22 058	11 943	10 115	2 923	317	28 265	21 979
1988 March	28 165	2 592	25 573	21 960	11 906	10 054	2 954	317	28 267	22 087

1. The workforce consists of the workforce in employment and the unemployed (claimants); the workforce in employment comprises employees in employment, the self-employed.

Sources: Department of Employment  
Department of Economic  
Development (Northern Ireland)

HM Forces and participants

in work-related government training  
programmes. For an explanation of the changes

to the presentation of employment statistics see the August edition of *Employment Gazette*.

2. See footnotes 2 and 3 to Table 3.10.

3. Estimates of employees in employment for December 1984 and subsequent months include an allowance based on the Labour Force Survey to allow for persistent undercounting in the regular sample enquiries (*Employment Gazette* January 1987, page 31). For all dates, individuals with two jobs as employees of different employers are counted twice.

4. Estimates of the self-employed from 1971 are based on the 1971 and 1981 censuses of the population and the results of Labour Force Surveys carried out between 1973 and 1987. The provisional estimates from September 1987 are based on the assumption that the average rate of increase between 1981 and 1987 has continued subsequently. A detailed description of current estimates is given in the article on page 159 of the March 1988 *Employment Gazette*.

5. HM Forces figures, provided by the Ministry of Defence represent the total number of UK service personnel, male and female, in HM Regular Forces, wherever serving and including those on release leave. The numbers are not subject to seasonal adjustment.

6. See Note on page 27.

## 3.2 Employees in employment: all industries

At June Industries analysed according to the Standard Industrial Classification 1980

Thousands

	1979	1980	1981	1982	1983	1984	1985 <sup>5</sup>	1986 <sup>5</sup>	1987 <sup>5</sup>
<b>Total employees in employment<sup>1</sup></b>	23 173	22 991	21 891	21 414	21 067	21 238	21 506	21 581	21 816
Males	13 487	13 319	12 562	12 205	11 940	11 888	11 966	11 891	11 883
Females	9 686	9 672	9 330	9 209	9 127	9 350	9 540	9 691	9 932
of which: Total production and construction industries <sup>2</sup>	9 213	8 906	8 061	7 610	7 217	7 062	6 977	6 766	6 650
Agriculture, forestry and fishing <sup>3</sup>	380	373	363	358	350	340	341	329	321
Coal, oil and natural gas extraction and processing	354	355	344	328	311	289	271	230	196
Electricity, gas, other energy and water supply	368	371	366	352	338	328	317	308	301
Manufacturing industries	7 253	6 937	6 222	5 863	5 525	5 409	5 366	5 236	5 145
Construction	1 239	1 243	1 130	1 067	1 044	1 037	1 022	991	1 009
Wholesale distribution and repairs	1 138	1 173	1 137	1 140	1 150	1 181	1 194	1 207	1 235
Retail distribution	2 176	2 177	2 092	2 026	2 005	2 054	2 086	2 110	2 118
Hotels and catering	943	972	943	973	963	1 010	1 061	1 085	1 111
Transport	1 056	1 049	987	943	912	910	911	903	899
Postal services and communications	423	437	438	437	433	432	434	437	446
Banking, finance, insurance	1 647	1 695	1 738	1 798	1 875	1 969	2 083	2 202	2 328
Public administration <sup>4</sup>	2 002	1 980	1 899	1 881	1 918	1 936	1 962	1 987	2 039
Education	1 660	1 642	1 615	1 598	1 592	1 602	1 619	1 656	1 704
Medical and other health services, veterinary services	1 233	1 258	1 293	1 304	1 294	1 298	1 308	1 305	1 312
Other services	1 303	1 327	1 324	1 348	1 358	1 446	1 530	1 592	1 652

1. Excluding private domestic service. 2. Includes Divisions 1-5 of the Standard Industrial Classification 1980. 3. The estimates for agriculture are taken from the censuses of agriculture and exclude a small number of employees of agricultural machinery contractors.

Sources: Department of Employment  
Department of Economic  
Development (Northern Ireland)

4. Excluding members of HM Forces. 5. See footnote 3 to Table 3.1.

3.3

## Employees in employment: production and construction industries<sup>1,2</sup>

#### Industries analysed according to the Standard Industrial Classification 1980

### Thousands

	Production and Construction Industries			Coal, oil and natural gas extraction and processing	Electricity, gas, other energy and water supply	Manufacturing industries	Metal manufacturing ore and other mineral extraction	Chemical and man-made fibres	Mechanical engineering
	Total	Males	Females						
1980	8 906	6 659	2 247	355	371	6 937	650	428	1 016
1981	8 061	6 058	2 003	344	366	6 222	551	388	910
1982 At June	7 610	5 718	1 892	328	352	5 863	514	371	852
1983	7 217	5 421	1 796	311	338	5 525	468	349	777
1984	7 062	5 270	1 792	289	328	5 409	452	347	758
1985	6 977	5 195	1 782	271	317	5 366	451	349	756
1986	6 766	5 019	1 746	230	308	5 236	431	346	730
1987 January				205	305	5 144	420	344	710
February				203	305	5 134	423	344	708
March	6 632	4 915	1 717	200	303	5 130	423	345	709
April				194	301	5 121	423	345	706
May				194	301	5 127	420	346	709
June	6 650	4 914	1 736	196	301	5 145	421	345	712
July				193	300	5 155	422	346	709
August				192	300	5 160	425	347	711
September	6 685	4 935	1 751	194	300	5 171	427	347	709
October				190	298	5 166	427	347	706
November				188	298	5 164	427	346	709
December	6 656	4 906	1 750	189	297	5 152	427	346	708
1988 January				183	298	5 112	424	343	708
February				180	295	5 107	425	345	707
March	6 599	4 869	1 729	178	293	5 106	425	345	705
April				168	292	5 092	425	344	704
May				167	291	5 091	425	344	708
June				169	291	5 097	425	346	708
July				166	290	5 111	428	350	710
	Office machinery, electrical engineering and instruments	Motor vehicles and parts	Other transport equipment	Metal goods	Food, drink and tobacco	Textiles, leather, footwear and clothing	Timber, wooden furniture, rubber, plastics etc.	Paper products, printing and publishing	Construction
1980	949	437	379	486	728	753	567	544	1 243
1981	871	366	363	412	687	646	512	516	1 130
1982 At June	823	318	350	387	658	605	484	501	1 067
1983	797	299	330	346	619	575	479	487	1 044
1984	794	281	301	334	603	575	481	482	1 037
1985	780	269	290	322	594	576	483	486	1 022
1986	765	255	280	304	571	578	496	480	991
1987 January	754	241	269	300	558	560	500	487	
February	753	241	267	301	552	558	500	487	
March	753	241	266	296	551	557	501	488	1 000
April	746	241	264	294	556	556	503	488	
May	744	242	261	295	561	556	504	489	
June	750	241	262	297	561	559	507	489	1 009
July	750	240	261	298	564	561	513	490	
August	753	239	260	297	563	561	514	490	
September	755	242	261	299	565	559	518	489	1 021
October	753	243	261	296	566	560	520	487	
November	752	243	258	297	566	559	520	489	
December	752	242	257	298	560	556	521	487	1 018
1988 January	743	240	255	296	551	553	516	484	
February	744	240	254	296	544	551	519	483	
March	745	239	252	294	547	551	520	483	1 022
April	741	238	248	292	545	550	525	480	
May	738	238	246	293	546	546	525	482	
June	735	238	246	293	551	547	527	483	
July	737	238	243	290	555	548	529	483	

1. Includes Divisions 1-5 of the Standard Industrial Classification, 1980.

1. Includes Divisions 1-5 of the Standard Industrial Classification 1960.
2. Estimates for December 1984 and subsequent months include an allowance based on the Labour Force Survey to allow for persistent undercounting in the regular sample enquiries (*Employment Gazette* January 1981). For all dates, individuals with two jobs as employees of different employers are counted twice.

Sources: Department of Employment  
Department of Economic Development  
87 (Northern Ireland)

## Employment

# 3.4

### Civil Service staff: analysis by ministerial responsibilities

Full-time equivalents (thousands)

	1982	1983	1984	1985	1986	1987	1988			
	1 April	1 July	1 October	1 January	1 April					
<b>Agriculture, Fisheries and Food</b>	13.1	12.7	12.1	12.1	11.7	11.3	11.1	11.1	11.1	11.1
<b>Chancellor of the Exchequer's Departments: Total</b>	121.0	117.4	112.4	111.9	111.0	110.1	109.0	108.4	108.1	108.6
Customs and Excise	26.2	25.4	25.1	25.4	25.1	25.8	25.8	25.9	26.0	26.3
Inland Revenue	74.0	73.1	69.8	69.8	69.3	67.8	67.1	66.5	66.3	66.6
Department for National Savings	9.1	8.3	8.0	7.8	7.8	7.7	7.6	7.5	7.4	7.4
Treasury and others	11.7	10.6	9.5	8.9	8.8	8.8	8.5	8.5	8.4	8.3
<b>Education and Science<sup>1</sup></b>	3.5	3.5	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.5
<b>Employment</b>	58.7	57.9	56.4	54.7	55.7	60.5	61.1	60.6	60.0	58.3
<b>Energy<sup>10</sup></b>	1.1	1.1	1.1	1.1	1.0	1.0	1.1	1.0	1.0	1.0
<b>Environment<sup>2</sup></b>	42.1	39.4	36.6	35.8	34.9	34.2	33.9	33.8	33.4	32.9
<b>Foreign and Commonwealth<sup>3</sup></b>	11.1	11.1	10.0	9.8	9.6	9.5	9.5	9.5	9.6	9.6
<b>Home<sup>3 4</sup></b>	34.6	35.1	36.4	36.6	37.5	37.6	37.7	37.9	38.6	39.2
<b>Industry<sup>5</sup></b>	8.3	7.7	—	—	—	—	—	—	—	—
<b>Scotland</b>	13.4	13.1	12.6	13.0	12.9	13.0	13.0	12.9	13.0	11.9
<b>Social services</b>	98.0	96.4	92.6	94.9	94.9	97.7	101.9	104.2	103.9	102.3
<b>Trade<sup>5 6</sup></b>	8.9	8.9	—	—	—	—	—	—	—	—
<b>Trade and Industry<sup>4 5 7</sup></b>	—	—	14.7	14.8	14.8	14.8	14.8	14.7	14.6	14.6
<b>Transport<sup>6</sup></b>	13.0	13.0	14.2	14.4	14.7	14.3	14.4	14.3	14.2	14.2
<b>Wales</b>	2.3	2.2	2.2	2.3	2.3	2.3	2.2	2.2	2.2	2.2
<b>Other civil departments<sup>11</sup></b>	20.3	20.5	20.9	21.2	21.5	25.1	25.2	26.1	26.5	27.8
<b>Total civil departments</b>	449.4	440.0	424.8	425.0	424.9	433.8	437.5	439.1	438.7	436.2
<b>Royal Ordnance Factories<sup>8</sup></b>	19.5	18.6	18.0	—	—	—	—	—	—	—
<b>Defence</b>	197.5	190.3	181.2	174.0	169.5	164.0	146.6	145.9	144.8	143.4
<b>Total all departments<sup>9</sup> of which:</b>	666.4	648.9	624.0	599.0	594.4	597.8	584.2	585.0	583.5	579.6
<b>Non-industrials</b>	528.0	518.5	504.3	498.0	498.2	507.5	507.6	509.1	508.6	506.5
<b>Industrials</b>	138.4	130.4	119.7	101.0	96.2	90.3	76.6	75.9	74.9	73.1

Note: Machinery of Government changes prior to 1 April 1983 are given in the *Monthly Digest Annual Supplement* on page 5.

Source: HM Treasury

1. As of 1 April 1984 the Victoria and Albert Museum and the Science Museum became non-manpower count bodies, they have been accorded Trusted Status - around 1100 staff involved.
2. From 1 April approximately 1100 staff of the Directorate of Historic Monuments and Ancient Buildings have been transferred to a new commission outside the manpower count.
3. From 1 April 1984 responsibility for the Passport Office was passed to the Home Office from the Foreign and Commonwealth Office (around 950 staff involved).
4. 279 non-industrial staff employed in the Radio Regulatory Department of the Home Office were transferred to the Department of Trade and Industry in June 1983.
5. From June 1983 the Departments of Trade and Industry have become one department, The Department of Trade and Industry.
6. Some 1454 non-industrial staff employed in the aviation and shipping divisions of the former Department of Trade were transferred to the Department of Transport, in June 1983.
7. On 1 July 1984 a new department, the Office of Telecommunications, was formed under the responsibility of the Secretary of State for Trade and Industry.
8. On 2 January 1985 the Royal Ordnance Factories were incorporated as a Companies Act company and are no longer included in the manpower count.
9. There were 345,036 males and 249,329 females in the Civil Service on 1 April 1986, the latest date for which information is available.
10. On the 18th August 1986 a new department, the Office of Gas supply was formed under the responsibility of the Secretary of State for Energy.
11. On the 20th July 1987 a new department, the Serious Fraud Office was formed.

# 3.5 UK Service personnel intake, outflow and strengths

Thousands

	All Services			Royal Navy			Royal Marines	Army			Royal Air Force			
	Total	Males	Females	Total	Males	Females		Total	Males	Females	Total	Males	Females	
<b>Intake<sup>1</sup></b>														
Financial year	1983/84	37.0	33.8	3.2	4.8	4.2	0.6	0.4	22.3	20.8	1.5	9.4	8.3	1.1
	1984/85	34.7	32.1	2.6	4.6	4.2	0.4	1.0	22.3	20.9	1.4	6.9	6.0	0.9
	1985/86	32.7	30.4	2.2	4.3	4.0	0.3	1.1	20.3	19.2	1.1	7.0	6.2	0.8
	1986/87	34.0	31.1	2.9	5.3	4.8	0.5	1.2	19.9	18.7	1.2	7.6	6.4	1.2
	1987/88	33.8	31.2	2.6	5.2	4.6	0.6	1.0	21.0	19.9	1.1	6.6	5.7	0.9
<b>Quarter</b>														
1986/87														
Oct-Dec		6.9	6.2	0.7	1.1	1.0	0.2	0.2	3.9	3.6	0.3	1.6	1.4	0.2
Jan-Mar		8.9	8.1	0.7	1.8	1.7	0.2	0.4	4.7	4.4	0.3	1.9	1.7	0.3
1987/88														
Apr-Jun		7.6	6.9	0.7	1.1	1.0	0.1	0.2	4.8	4.5	0.3	1.5	1.3	0.2
Jul-Sept		9.5	8.9	0.6	1.4	1.3	0.2	0.3	6.2	6.0	0.2	1.6	1.4	0.2
Oct-Dec		7.4	6.8	0.6	1.1	1.0	0.1	0.2	4.4	4.1	0.3	1.7	1.5	0.2
Jan-Mar		9.3	8.6	0.7	1.6	1.4	0.2	0.3	5.7	5.4	0.3	1.8	1.5	0.2
1988/89														
Apr-Jun		7.8	7.2	0.6	1.1	1.0	0.1	0.3	5.0	4.7	0.3	1.5	1.3	0.2
<b>Outflow<sup>2</sup></b>														
Financial year	1983/84	31.9	29.5	2.5	5.1	4.5	0.6	0.7	20.0	18.9	1.1	6.2	5.4	0.8
	1984/85	34.6	32.1	2.5	5.6	5.0	0.6	0.9	21.4	20.3	1.2	6.6	5.9	0.7
	1985/86	36.5	33.9	2.6	6.9	6.4	0.6	1.1	21.3	20.0	1.3	7.2	6.4	0.8
	1986/87	37.0	34.2	2.8	6.9	6.3	0.6	1.1	21.8	20.5	1.3	7.2	6.4	0.9
	1987/88	36.9	34.1	2.9	6.2	5.6	0.6	1.0	22.7	21.4	1.4	7.0	6.1	0.9
<b>Quarter</b>														
1986/87														
Oct-Dec		9.5	8.8	0.7	1.7	1.6	0.1	0.3	5.8	5.5	0.3	1.7	1.5	0.2
Jan-Mar		9.2	8.5	0.7	1.8	1.6	0.2	0.3	5.3	5.1	0.3	1.7	1.5	0.2
1987/88														
Apr-Jun		8.8	8.1	0.7	1.5	1.3	0.1	0.2	5.5	5.2	0.3	1.6	1.4	0.2
Jul-Sept		9.1	8.4	0.8	1.6	1.4	0.2	0.2	5.5	5.2	0.3	1.8	1.6	0.3
Oct-Dec		9.2	8.5	0.7	1.5	1.4	0.1	0.3	5.7	5.4	0.3	1.7	1.5	0.2
Jan-Mar		9.8	9.0	0.8	1.6	1.5	0.2	0.3	6.0	5.7	0.3	1.8	1.6	0.2
1988/89														
Apr-Jun		9.1	8.4	0.7	1.4	1.2	0.1	0.3	5.6	5.3	0.3	1.8	1.6	0.2
<b>Strength<sup>3</sup></b>														
31 March	1983	320.6	305.2	15.4	64.0	60.1	3.9	7.8	159.1	152.9	6.1	89.8	84.5	5.4
	1984	325.9	309.7	16.2	63.7	59.8	3.9	7.6	161.5	155.0	6.6	93.1	87.3	5.7
	1985	326.2	309.8	16.4	62.8	59.1	3.7	7.6	162.4	155.6	6.8	93.4	87.5	6.0
	1986	322.5	306.5	16.0	60.3	56.6	3.4	7.6	161.4	154.8	6.6	93.2	87.2	6.0
	1987	319.8	303.7	16.2	58.7	55.3	3.4	7.8	159.7	153.2	6.5	93.6	87.3	6.3
	1988	316.9	300.9	15.9	57.7	54.3	3.3	7.8	158.1	151.8	6.3	93.3	87.0	6.3
1986	30 June	321.7	305.4	16.3	59.6	56.2	3.4	7.7	161.1	154.4	6.7	93.2	87.1	6.2
	30 Sept	322.6	306.5	16.1	59.2	55.9	3.3	7.8	162.2	155.6	6.5	93.5	87.2	6.3
	31 Dec	320.1	304.0	16.1	58.7	55.3	3.3	7.7	160.3	153.8	6.5	93.4	87.1	6.3
1987	31 March	319.8	303.7	16.2	58.7	55.3	3.4	7.8	159.7	153.2	6.5	93.6	87.3	6.3
	30 June	318.7	302.5	16.2	58.3	55.0	3.3	7.8	159.0	152.5	6.5	93.5	87.1	6.4
	30 Sept	319.1	303.1	16.0	58.1	54.8	3.3	7.9	159.7	153.3	6.4	93.3	87.0	6.3
	31 Dec	317.3	301.3	16.0	57.7	54.4	3.3	7.9	158.4	152.0	6.4	93.3	87.0	6.3
1988	31 March	316.9	300.9	15.9	57.7	54.3	3.3	7.8	158.1	151.8	6.3	93.3	87.0	6.3
	30 June	315.8	299.8	15.9	57.4	54.1	3.3	7.8	157.6	151.3	6.3	92.9	86.6	6.3

1. Regard must be taken of the effect of seasonal patterns and differences in planned annual intake levels in any comparisons of quarterly or annual intakes.

Source: Ministry of Defence

2. Some personnel have a liability for Reserve Service. The figures include deaths.

3. The differences between strengths at successive dates may not match the intake and outflow figures for corresponding periods because of delays in recording transfers between the Services and similar occurrences.

## Employment

### 3.6 Local authority manpower<sup>1</sup>

#### England

Thousands (Full-time equivalents)<sup>2</sup>

							1988	
	1986		1987					
	13 September	13 December	14 March	13 June <sup>3</sup>	12 September <sup>3</sup>	12 December <sup>3</sup>		
<b>Service</b>								
Education: lecturers and teachers	493.0	505.0	508.3	507.2	495.3	506.2	510.0	
others	366.0	375.3	380.2	379.4	375.4	384.4	385.8	
Construction	105.0	105.6	105.8	105.2	106.3	105.9	104.7	
Transport <sup>3</sup>	15.4	5.4	5.3	3.1	3.1	3.1	2.9	
Social services	219.1	220.7	223.3	224.8	226.2	227.4	229.0	
Public libraries and museums	32.6	32.5	32.7	32.9	33.3	33.0	33.2	
Recreation, parks and baths	77.5	73.8	73.7	79.2	79.8	75.3	74.8	
Environmental health	19.8	19.5	19.6	19.9	20.1	19.7	19.5	
Refuse collection and disposal	36.6	36.0	36.1	36.2	36.1	35.4	35.3	
Housing	57.8	58.2	58.9	59.1	59.6	60.2	60.7	
Town and country planning	20.1	20.3	20.5	20.8	21.0	21.1	21.1	
Fire service	39.7	39.8	39.8	40.0	40.1	40.0	40.0	
Other services <sup>4</sup>	231.4	231.0	231.5	233.0	235.1	234.4	233.2	
<b>Total of above</b>	<b>1 714.0</b>	<b>1 723.1</b>	<b>1 735.7</b>	<b>1 740.8</b>	<b>1 731.5</b>	<b>1 746.0</b>	<b>1 750.2</b>	
Police service: police (all ranks)	114.8	115.3	116.0	116.4	116.9	117.2	117.8	
others <sup>5</sup>	43.0	43.0	43.4	43.6	43.9	44.4	44.5	
Probation, magistrates' courts and agency staff	22.1	22.1	22.5	22.7	23.0	22.9	23.0	
<b>Total (excluding special employment and training measures)</b>	<b>1 893.9</b>	<b>1 903.5</b>	<b>1 917.6</b>	<b>1 923.5</b>	<b>1 915.3</b>	<b>1 930.5</b>	<b>1 935.5</b>	

#### Wales

Thousands (Full-time equivalents)<sup>2</sup>

							1988	
	1986		1987					
	13 September	13 December	14 March	13 June <sup>3</sup>	12 September <sup>3</sup>	12 December <sup>3</sup>		
<b>Service</b>								
Education: lecturers and teachers	31.5	31.7	32.0	31.9	31.3	31.9	32.1	
others	22.2	22.6	22.8	22.7	22.6	23.2	23.3	
Construction	8.0	7.9	8.0	7.9	7.9	7.8	7.7	
Transport <sup>3</sup>	1.6	0.1	0.1	—	—	—	—	
Social services	13.7	13.7	14.0	13.9	14.1	14.1	14.3	
Public libraries and museums	1.5	1.5	1.5	1.5	1.6	1.5	1.5	
Recreation, leisure and tourism	5.5	5.0	5.1	5.7	5.8	5.1	5.1	
Environmental health	1.4	1.3	1.3	1.4	1.4	1.3	1.3	
Refuse collection and disposal	1.8	1.8	1.8	1.8	1.8	1.7	1.8	
Housing	2.3	2.4	2.4	2.5	2.6	2.5	2.6	
Town and country planning	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
Fire service	2.1	2.2	2.2	2.1	2.1	2.1	2.1	
Other services <sup>4</sup>	18.4	18.2	18.2	18.5	18.5	18.4	18.3	
<b>Total of above</b>	<b>111.5</b>	<b>110.0</b>	<b>110.9</b>	<b>111.3</b>	<b>111.0</b>	<b>111.3</b>	<b>111.7</b>	
Police service: police (all ranks)	6.4	6.4	6.4	6.4	6.4	6.4	6.5	
others <sup>5</sup>	2.0	1.9	1.9	1.9	2.0	2.0	2.0	
Administration of district courts	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
<b>Total (excluding special employment and training measures)</b>	<b>121.1</b>	<b>119.5</b>	<b>120.4</b>	<b>120.8</b>	<b>120.6</b>	<b>120.9</b>	<b>121.3</b>	

1. Figures are based on surveys undertaken on behalf of central and local government by the Local Authorities' Conditions of Service Advisory Board and the National Joint Council for Local Authority Services (Scottish Councils).

2. Based on the following factors to convert part-time employees to approximate full-time equivalents: for teachers and lecturers in further education, 0.11; teachers in primary and secondary education and all other non-manual employees, 0.53; manual employees, 0.41.

3. The decline in transport staff in the past year has been mainly due to the change in status of local authority bus and municipal airport employees.

4. Including central services departments (e.g. engineers and treasurers) and all services not shown separately.

5. Includes civilian employees of police forces, traffic wardens and police cadets.

## 3.6 Local authority manpower<sup>1</sup>

continued Scotland

Thousands (Full-time equivalents)<sup>5</sup>

Service	1986		1987			1988		
	September	December	March	June	September	December	March	
Education: lecturers and teachers <sup>6</sup>	59.1	60.0	60.4	60.2	59.0	59.9	60.0	
others <sup>7</sup>	40.0	41.5	41.7	41.4	41.6	41.9	42.0	
Construction	17.3	16.8	16.9	16.9	17.6	17.1	16.6	
Transport <sup>8</sup>	6.7	6.6	0.7	0.7	0.7	0.6	0.6	
Social services	32.8	31.8	32.0	32.5	33.1	33.2	33.3	
Public libraries and museums	4.1	4.0	4.0	4.1	4.2	4.1	4.1	
Recreation, leisure and tourism	13.4	12.1	12.0	13.8	13.7	12.3	12.3	
Environmental health	2.5	2.5	2.5	2.5	2.5	2.4	2.4	
Cleansing	9.8	9.3	9.3	9.7	9.6	9.3	9.2	
Housing	6.1	6.1	6.2	6.3	6.4	6.6	6.6	
Physical planning	1.7	1.7	1.8	1.7	1.7	1.7	1.8	
Fire service	5.0	5.0	5.1	5.1	5.1	5.1	5.1	
Other services <sup>9</sup>	36.0	36.3	36.3	36.8	37.0	36.8	37.2	
Total of above	234.5	227.6	228.8	231.6	232.2	231.2	231.3	
Police service: police (all ranks)	13.5	13.5	13.4	13.5	13.5	13.5	13.5	
others <sup>8</sup>	4.5	4.5	4.6	4.6	4.6	4.6	4.6	
Administration of district courts	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Total (excluding special employment measures) and training	252.7	245.8	247.0	249.9	250.4	249.4	249.6	

For footnotes 1 to 4 see page 24.

5. Based on the following factors to convert part-time employees to approximate full-time equivalents: for lecturers and teachers, 0.40; non-manual staff (excluding police, teachers and firemen), 0.59; manual employees, 0.45.

6. Includes only those part-time staff employed in vocational further education (i.e. courses of an academic nature or those leading to a qualification).

7. Includes school-crossing patrols.

8. Includes civilian employees of police forces, traffic wardens and police cadets.

9. As a consequence of the creation of the public transport companies in October 1986, the following numbers of staff were transferred out of this category: full-time employees-5 940; part-time employees-44; full-time equivalent-5 961.

Sources: Department of the Environment  
 Joint Manpower Watch  
 Welsh Office  
 Scottish Development Department  
 Scottish Joint Manpower Watch

## 3.7 Numbers of workers employed in agriculture<sup>1 2 3</sup>

Thousands

	Regular workers				Seasonal or casual workers			All workers			Salaried managers <sup>4</sup>	
	Total	Whole-time Male	Female	Part-time Male	Female	Total	Male	Female	Total	Male	Female	
1979 June	252.7	168.7	18.3	33.2	32.5	96.9	56.0	40.9	349.6	257.9	91.7	8.0
December	259.8	171.2	21.8	33.0	33.8	93.1	53.0	40.1	352.9	257.2	95.7	8.6
1980 June	244.1	162.6	17.3	32.3	31.9	100.7	57.2	43.4	344.7	252.1	92.7	8.0
December	248.9	163.1	21.6	32.2	31.9	97.3	56.1	41.2	346.2	251.4	94.8	8.4
1981 June	236.7	157.7	16.7	31.5	30.7	97.0	57.1	39.9	333.8	246.4	87.4	7.9
December	240.4	159.5	17.8	31.6	31.5	96.7	59.8	36.9	337.1	250.9	86.2	8.1
1982 June	232.2	154.6	16.0	31.9	29.7	98.7	57.3	41.5	331.0	243.8	87.2	7.9
December	240.1	157.3	17.3	33.1	32.4	102.8	62.2	40.5	342.9	252.6	90.3	8.5
1983 June	228.3	152.2	15.5	31.3	29.4	97.9	56.9	41.0	326.2	240.3	85.9	7.8
December	235.0	153.4	17.3	32.3	32.0	97.1	59.0	38.1	332.1	244.7	87.4	8.1
1984 June	220.8	145.6	15.2	30.7	29.4	96.0	57.1	38.9	316.8	233.3	83.5	7.8
December	223.4	145.7	16.5	30.5	30.6	97.2	59.9	37.3	320.7	236.2	84.5	8.2
1985 June	218.0	141.6	15.1	31.5	29.8	98.1	58.7	39.4	316.1	231.8	84.3	8.3
December	217.4	139.6	16.9	30.7	30.2	97.2	60.5	36.8	314.6	230.7	83.9	8.2
1986 June	210.3	134.1	14.8	32.2	29.1	96.6	58.2	38.4	306.9	224.5	82.4	8.3
December	208.3	132.7	16.3	29.7	29.6	96.7	59.5	37.2	305.0	221.9	83.1	8.4
1987 June	202.1	126.9	14.6	31.5	29.0	95.2	57.1	38.1	297.3	215.6	81.7	7.9
December	202.4	124.5	17.1	31.6	29.2	97.3	60.8	36.4	299.7	216.9	82.8	8.3

1. Figures exclude schoolchildren, farmers, partners and directors and their wives.

2. Includes estimated figures for Scotland.

3. Including estimates for minor holdings in England and Wales.

4. Great Britain only.

Sources: Agricultural Departments

## Employment

# 3.8

### Overtime and short-time worked by operatives in manufacturing industries<sup>1</sup>

Great Britain

Thousands

	Operatives working overtime			Operatives on short-time								
	Number of operatives	Hours of overtime worked	Total	Total			Stood off for whole week		Working part of week			
				Number of operatives	Hours lost	Total	Number of operatives	Total number of hours lost	Number of operatives	Hours lost		
1986 April 12	1 294	11 363	8.8	40	595	15.1	6	256	33	339	10.2	
May 17	1 326	11 793	8.9	35	478	13.5	4	156	32	322	10.2	
June 14	1 291	11 560	9.0	31	392	12.7	3	109	28	283	10.1	
July 12	1 279	11 739	9.2	25	360	14.3	4	140	22	220	10.2	
August 16	1 192	10 985	9.2	24	367	15.3	4	144	20	223	10.9	
September 13	1 280	11 808	9.2	26	360	13.8	3	116	23	244	10.5	
October 14	1 346	12 182	9.0	50	745	14.9	8	300	43	445	10.4	
November 15	1 393	12 691	9.1	37	503	13.5	5	184	33	319	9.7	
December 13	1 354	12 494	9.2	30	420	14.0	4	164	26	256	9.9	
1987 January 10	1 136	9 752	8.6	39	704	18.1	11	423	28	281	9.9	
February 14	1 305	11 973	9.3	38	514	13.4	4	172	34	341	10.0	
March 14	1 354	12 435	9.2	37	448	12.0	3	109	35	339	9.8	
April 11	1 329	12 245	9.2	33	435	13.3	4	103	29	273	9.5	
May 16	1 353	12 647	9.3	26	358	13.9	3	129	23	229	10.1	
June 13	1 396	12 969	9.3	17	262	15.2	3	129	14	132	9.4	
July 11	1 334	12 542	9.4	20	325	16.4	4	172	16	153	9.9	
August 15	1 268	11 882	9.4	18	240	13.6	3	116	15	124	8.4	
September 12	1 377	13 094	9.5	14	193	13.6	2	89	12	104	8.7	
October 10	1 468	14 102	9.7	18	264	14.5	3	117	15	140	9.5	
November 14	1 516	14 236	9.5	18	395	19.5	3	105	15	245	15.9	
December 12	1 476	14 316	9.7	17	224	13.5	3	106	14	118	8.5	
1988 January 16	1 370	12 715	9.3	22	306	14.0	3	127	19	179	9.6	
February 13	1 433	13 334	9.3	25	339	13.5	3	102	23	237	10.5	
March 12	1 452	13 594	9.4	22	286	13.2	2	80	20	206	10.4	
April 16	1 445	13 140	9.1	21	241	11.6	2	72	19	170	8.9	
May 14	1 500	13 850	9.2	19	221	11.9	1	49	17	171	9.9	
June 11	1 424	13 473	9.5	18	203	11.0	1	47	17	157	9.1	
July 16	1 413	13 782	9.8	18	287	16.4	4	141	14	146	10.4	

1. Divisions 2 – 4 of the Standard Industrial Classification 1980.

Source: Department of Employment

## 3.9 Unemployed in Great Britain

Analysis by duration of unemployment

Thousands

	Males				Females							
	Total	2 weeks or less	Over 2 but not more than 8 weeks	More than 8 weeks <sup>1</sup>	Total	2 weeks or less	Over 2 but not more than 8 weeks	More than 8 weeks	Total	2 weeks or less	Over 2 but not more than 8 weeks	More than 8 weeks
1981	1 840.1	111.2	293.3	1 435.6	751.6	58.1	149.1	544.5				
1982 Quarterly	2 150.8	98.6	286.4	1 765.8	872.6	56.0	153.5	663.2				
1983 averages	2 156.7	120.3	255.6	1 780.8	853.3	68.0	136.5	648.8				
1984	2 110.8	118.1	242.2	1 750.5	926.1	69.2	136.1	720.8				
1985	2 171.6	118.4	241.7	1 811.5	988.3	71.8	140.8	775.7				
1986	2 173.9	121.5	243.2	1 809.2	1 010.5	74.8	141.4	794.3				
1987	1 992.9	106.5	222.4	1 664.0	894.9	63.3	121.8	709.9				
1985 April 11	2 181.8	102.3	215.8	1 863.6	968.5	58.6	119.2	790.6				
July 11	2 131.0	129.7	231.8	1 769.5	985.2	86.3	139.4	759.5				
October 10	2 146.6	124.8	285.3	1 736.5	1 008.5	72.6	184.9	750.9				
1986 January 9	2 254.0	112.1	255.4	1 886.6	1 028.0	67.8	130.8	829.4				
April 10	2 197.3	121.3	218.8	1 857.2	1 001.6	72.4	122.8	806.4				
July 10	2 138.4	131.2	229.3	1 778.0	1 011.7	89.6	138.4	783.7				
October 9	2 105.9	121.4	269.4	1 715.1	1 000.7	69.3	173.5	757.6				
1987 January 8	2 176.5	97.3	247.2	1 832.0	989.5	60.4	123.1	806.0				
April 9	2 065.1	103.9	207.6	1 753.6	914.8	56.0	109.2	749.6				
July 9	1 916.5	118.9	197.9	1 599.8	862.1	77.8	113.0	671.3				
October 8	1 813.4	106.0	236.7	1 470.7	813.3	59.1	141.7	612.5				
1988 January 14	1 892.7	108.6	198.8	1 585.3	829.5	70.3	101.9	657.3				
April 14	1 678.0	84.5	193.2	1 401.2	738.8	46.9	100.0	591.8				

1. From April 1 1983 figures are affected by the 1983 Budget provisions for some men aged 60 and over who no longer have to sign on at an unemployment benefit office.

Source: Department of Employment

## 3.10

## Unemployment

Thousands

United Kingdom			Great Britain					
Unemployed claimants		Unemployed claimants seasonally adjusted excluding school-leavers	Unemployed					
	Total	Per- centage rate <sup>1</sup>	Total	Per- centage rate <sup>1</sup>	Total	Per- centage rate <sup>1</sup>	Males	Females
1982 Annual	2 916.9	10.9	2 626.1	9.8	2 808.5	10.8	2 055.9	752.6
1983 averages	3 104.7	11.7	2 866.5	10.8	2 987.6	11.5	2 133.5	854.0
1984	3 159.8	11.6	2 998.7	11.0	3 038.4	11.4	2 109.6	928.8
1985	3 271.2	11.8	3 113.5	11.2	3 149.4	11.6	2 163.7	985.7
1986	3 289.1	11.7	3 180.4	11.4	3 161.3	11.6	2 159.6	1 001.7
1987	2 953.4	10.5	2 880.0	10.2	2 826.9	10.3	1 953.8	873.1
1985 July 11	3 235.0	11.6	3 111.8	11.2	3 116.2	11.5	2 131.0	985.2
August 8	3 240.4	11.7	3 117.5	11.2	3 120.3	11.5	2 124.8	995.5
September 12	3 346.2	12.0	3 122.7	11.2	3 219.7	11.9	2 179.0	1 040.7
October 10	3 276.9	11.8	3 126.6	11.2	3 155.0	11.6	2 146.6	1 008.5
November 14	3 258.9	11.7	3 127.1	11.2	3 138.3	11.6	2 143.6	994.7
December 12	3 273.1	11.8	3 143.6	11.3	3 151.6	11.6	2 165.3	986.3
1986 January 9	3 407.7	12.3	3 154.0	11.3	3 282.0	12.0	2 254.0	1 028.0
February 6	3 336.7	12.0	3 164.8	11.3	3 211.9	11.8	2 208.8	1 003.2
March 6	3 323.8	11.9	3 204.7	11.4	3 199.4	11.7	2 207.0	992.3
April 10	3 325.1	11.9	3 194.9	11.4	3 198.9	11.7	2 197.3	1 001.6
May 8	3 270.9	11.7	3 200.1	11.4	3 146.2	11.4	2 159.8	986.4
June 12	3 229.4	11.5	3 208.8	11.5	3 103.5	11.4	2 125.5	978.0
July 10	3 279.6	11.7	3 210.3	11.5	3 150.2	11.5	2 138.4	1 011.7
August 14	3 280.1	11.7	3 206.3	11.5	3 150.1	11.5	2 128.6	1 021.5
September 11	3 332.9	11.9	3 185.7	11.4	3 197.9	11.7	2 155.1	1 042.8
October 9	3 237.2	11.6	3 163.5	11.3	3 106.5	11.4	2 105.9	1 000.7
November 13	3 216.8	11.5	3 150.7	11.3	3 088.4	11.3	2 106.9	981.4
December 11	3 229.2	11.5	3 120.7	11.1	3 100.4	11.4	2 127.4	972.9
1987 January 8	3 297.2	11.7	3 112.2	11.0	3 166.0	11.5	2 176.5	989.5
February 12	3 225.8	11.4	3 066.5	10.9	3 096.6	11.3	2 139.2	957.4
March 12	3 143.4	11.1	3 037.3	10.8	3 016.5	11.0	2 088.2	928.4
April 9	3 107.1	11.0	3 021.4	10.7	2 979.9	10.8	2 065.1	914.8
May 14	2 986.5	10.6	2 950.9	10.5	2 860.3	10.4	1 988.0	872.3
June 11	2 902.3	10.3	2 922.2	10.4	2 779.8	10.1	1 931.5	842.3
July 8	2 906.5	10.3	2 873.1	10.2	2 778.5	10.1	1 916.5	862.1
August 13	2 865.8	10.2	2 825.5	10.0	2 738.5	10.0	1 879.1	859.5
September 10	2 870.2	10.2	2 772.2	9.8	2 740.2	10.0	1 880.8	859.4
October 8	2 751.4	9.8	2 713.6	9.6	2 626.7	9.5	1 813.4	813.3
November 12	2 685.6	9.5	2 650.8	9.4	2 564.6	9.3	1 777.3	787.3
December 10	2 695.8	9.6	2 613.9	9.3	2 575.2	9.4	1 789.9	785.3
1988 January 14	2 722.2	9.7	2 563.1	9.1	2 600.4	9.5	1 803.3	797.1
February 11	2 665.5	9.5	2 532.6	9.0	2 545.9	9.3	1 764.0	781.9
March 10	2 592.1	9.2	2 504.8	8.9	2 474.6	9.0	1 716.6	757.9
April 14	2 536.0	9.0	2 453.1	8.7	2 417.7	8.8	1 678.9	738.8
May 12	2 426.9	8.6	2 414.2	8.6	2 310.7	8.4	1 606.8	703.9
June 9	2 340.8	8.3	2 372.4	8.4	2 225.1	8.1	1 547.7	677.5
July 14	2 326.7	8.2	2 312.3	8.2	2 208.5	8.0	1 521.5	687.0
August 11	2 291.2	8.1	2 266.9	8.0	2 173.7	7.9	1 492.5	681.2

1. Percentage rates have been calculated by expressing the total numbers unemployed as percentages of the numbers of employees in employment, unemployed, self-employed, HM forces and participants on government training programmes at the appropriate mid-year.

Sources: Department of Employment  
Department of Economic  
Development (Northern  
Ireland)

## Employment

### 3.11 Unemployed Analysis by standard regions

#### Unemployed Claimants (Unadjusted)

Thousands

	North	Yorkshire and Humber-side	East Midlands	East Anglia	South East	South West	West Midlands	North West	Wales	Scotland	Northern Ireland
1981	192.0	237.2	155.3	61.4	547.6	155.6	290.6	354.9	145.9	282.8	98.0
1982 Annual	214.6	273.2	176.6	72.2	664.6	179.0	337.9	407.8	164.8	318.0	108.3
1983 averages	225.7	268.7	188.0	77.5	721.4	188.6	354.7	437.1	170.4	335.6	117.1
1984	230.5	291.9	194.3	77.3	747.5	193.7	345.4	442.9	173.3	341.6	121.4
1985	237.6	305.8	202.3	81.3	782.4	204.9	349.7	452.0	180.6	353.0	121.8
1986	234.9	315.9	202.8	83.4	784.7	205.7	346.7	448.3	179.0	359.8	127.8
1987	213.1	286.0	183.9	72.5	680.5	178.9	305.9	403.3	157.0	345.8	126.5
1986 July 10	233.0	316.0	202.6	82.1	785.6	199.6	346.7	450.2	175.2	359.0	129.4
August 14	230.7	314.3	202.5	81.8	791.5	200.8	347.8	448.0	174.0	358.6	130.0
September 11	236.4	322.8	204.6	82.2	791.9	204.6	356.1	455.9	180.4	363.0	135.0
October 9	228.2	311.4	198.7	80.1	770.4	202.0	343.5	438.9	174.1	359.2	130.6
November 13	228.4	308.8	197.7	81.0	761.0	203.8	338.4	435.6	173.3	360.1	128.4
December 11	228.3	309.8	198.5	81.9	764.6	205.2	336.5	436.8	173.5	365.2	128.8
1987 January 8	233.3	316.2	205.5	85.1	774.1	209.1	341.6	443.9	176.9	380.4	131.2
February 12	228.1	310.2	201.5	83.6	756.0	204.0	333.7	435.4	171.4	372.5	129.2
March 12	222.9	303.2	197.2	81.1	733.6	196.5	326.0	426.3	166.0	363.8	126.8
April 9	222.7	300.7	195.9	78.9	721.5	191.0	320.6	421.9	163.4	363.5	127.2
May 14	216.6	289.8	187.1	75.1	690.9	178.6	310.5	407.9	157.8	346.1	126.1
June 11	210.8	282.9	181.6	71.3	669.4	169.7	303.3	398.9	151.5	340.3	125.6
July 9	208.8	281.8	181.6	70.0	670.8	169.8	302.1	398.7	152.1	342.8	127.9
August 13	204.9	275.9	178.0	68.3	665.6	168.9	297.6	392.8	150.5	336.1	127.3
September 10	211.2	280.1	177.5	67.2	653.3	168.8	299.3	395.8	155.0	332.7	130.0
October 8	201.8	266.9	169.2	64.2	624.5	163.3	285.6	377.7	148.1	325.5	124.7
November 12	198.1	261.7	165.0	62.3	603.1	162.8	275.5	369.3	145.5	321.5	121.0
December 10	198.0	262.5	166.5	63.1	603.5	165.2	275.3	371.1	146.1	324.0	120.6
1988 January 14	200.9	266.0	169.8	64.6	597.6	167.6	276.0	375.6	148.5	333.7	121.8
February 11	196.6	260.6	166.9	63.5	586.9	163.3	269.4	367.3	145.5	326.0	119.6
March 10	192.9	254.8	162.0	60.7	570.4	156.0	262.0	358.1	141.4	316.3	117.5
April 14	190.8	252.1	160.2	58.3	549.7	148.9	255.9	352.6	140.1	309.1	118.3
May 12	183.3	242.1	152.6	55.1	523.1	139.7	224.8	340.3	133.0	296.8	116.2
June 9	178.9	233.9	146.2	50.9	501.6	130.9	237.4	329.4	127.1	288.8	115.6
July 14	176.7	231.7	145.7	49.3	494.8	129.0	235.9	328.8	126.1	290.5	118.2
August 11	172.5	228.2	142.9	48.0	486.7	127.6	233.0	325.7	124.1	285.1	117.5

#### Unemployment rate<sup>1,2</sup>

Aug 11 11.9 9.6 7.3 4.7 5.2 6.1 8.8 10.8 10.4 11.5 16.9

Note: There has been a change in the compilation of the unemployment statistics (see *Employment Gazette*, March/April 1986, pages 107-108). Unadjusted figures for February and March 1986 are on the new basis (estimated for February) and not directly comparable with earlier figures. It is estimated that the change reduces the total U.K. count by 50 000 on average. Seasonally adjusted figures have been revised to adjust for this and other discontinuities and are all consistent with the new coverage. The latest seasonally adjusted figures are provisional and subject to revision, mainly in the following month.

1. Percentage rates have been calculated by expressing the total numbers unemployed as percentages of the numbers of employees in employment, unemployed, self-employed HM forces and participants on work-related government training programmes at the appropriate mid-year.

2. From April 1983 figures are affected by the 1983 Budget provision for some men aged 60 and over who no longer have to sign on at an unemployment benefit office.

Sources: Department of Employment  
Department of Economic Development (Northern Ireland)

## 3.12 Vacancies at Jobcentres and careers offices<sup>1</sup>

Analysis by standard regions

Thousands

	South East	Greater London <sup>2</sup>	East Anglia	South West	West Midlands	East Midlands	York- shire and Humber- side	North West	North East	Wales	Scotland	Great Britain	North- ern Ireland <sup>3</sup>	United Kingdom
<b>Vacancies at Jobcentres: total (including Community Programme vacancies)</b>														
1983 Annual	52.9	22.9	5.3	13.6	11.5	8.7	10.5	15.3	7.5	7.8	17.1	150.2	1.2	151.4
1984 averages	62.5	27.5	5.8	14.8	12.5	8.8	10.3	16.6	8.2	8.2	16.5	164.1	1.5	165.6
1985	65.6	28.2	6.3	17.8	14.5	9.8	10.7	18.1	9.7	9.3	17.0	178.7	1.6	180.3
1986	75.6	32.4	6.8	21.1	18.6	11.6	14.1	22.6	13.4	12.2	19.8	216.0	2.0	218.0
1987	95.3	40.1	8.6	22.3	24.8	13.6	18.3	27.4	15.7	13.6	22.2	261.7	2.0	263.8
1987 August 7	95.2	37.8	9.0	22.8	25.5	13.9	18.5	29.0	16.4	14.1	23.4	267.7	2.1	269.9
September 4	106.1	43.4	9.6	24.3	28.5	15.5	20.3	30.9	17.9	14.9	25.0	293.1	2.1	295.2
October 2	115.6	48.7	10.2	24.8	31.1	16.0	21.5	32.0	17.8	15.6	25.4	309.9	2.2	312.2
November 6	116.0	48.3	9.8	22.7	30.7	15.0	20.4	30.1	17.4	14.5	24.6	301.3	2.3	303.6
December 4	104.2	42.2	8.8	20.0	28.0	13.3	18.6	25.0	15.6	13.2	22.0	268.6	2.7	271.4
1988 January 8	98.1	39.1	8.5	19.3	27.3	12.8	17.6	23.5	14.4	13.3	20.2	255.0	2.9	257.9
February 5	96.7	36.5	8.4	19.5	27.6	13.1	17.3	23.3	14.2	13.5	20.5	254.0	2.8	256.9
March 4	96.6	34.5	9.0	21.2	26.7	13.8	17.5	25.2	14.3	13.8	21.9	260.1	2.8	263.0
April 8	102.8	36.1	10.0	24.2	27.6	15.2	17.9	26.5	15.4	14.8	24.2	278.8	3.0	281.8
May 6	106.8	36.6	10.8	25.9	27.7	15.7	18.1	28.1	15.6	16.2	24.9	289.7	2.8	292.5
June 3	110.3	37.2	11.1	26.5	28.6	16.2	18.4	28.5	16.0	16.5	24.5	296.5	2.8	299.3
July 8	102.3	31.9	11.7	25.3	28.6	15.3	17.9	27.0	15.4	16.0	24.6	284.1	2.8	286.9
August 11	95.6	29.4	11.0	22.4	26.7	14.8	17.2	25.7	14.7	15.2	24.1	267.4	2.6	270.1
<b>Community Programme vacancies<sup>4</sup></b>														
1983 Annual	2.1	0.8	0.2	0.9	1.9	0.7	1.8	2.0	1.7	0.9	1.7	14.0	..	14.0
1984 averages	3.0	1.5	0.3	1.2	1.8	0.7	2.0	2.1	1.6	0.9	1.7	15.4	0.3	15.7
1985	3.3	1.6	0.5	1.7	2.3	0.8	2.0	2.0	1.9	1.3	2.4	18.2	0.4	18.6
1986	4.8	2.4	0.6	3.0	3.2	1.3	2.8	3.6	3.6	2.8	3.6	29.2	0.6	29.9
1987	4.6	2.3	0.6	2.7	3.7	1.4	2.7	3.2	3.7	2.5	3.4	28.5	0.5	29.0
1987 August 7	4.6	2.3	0.6	2.8	3.8	1.5	2.6	3.6	3.7	2.4	4.1	29.7	0.5	30.2
September 4	4.8	2.4	0.6	2.7	4.0	1.6	2.9	3.8	4.3	2.7	3.9	31.5	0.5	31.9
October 2	5.2	2.7	0.6	2.7	4.4	1.6	3.0	3.5	4.0	2.9	3.4	31.5	0.5	32.0
November 6	5.1	2.6	0.6	2.6	4.6	1.5	2.9	3.5	4.1	2.9	3.2	31.1	0.5	31.6
December 4	5.2	2.7	0.6	2.6	4.4	1.5	2.9	3.0	4.2	3.1	3.1	30.6	1.0	31.7
1988 January 8	5.3	2.8	0.6	2.8	4.5	1.6	3.0	3.3	4.2	3.2	3.5	31.9	1.2	33.1
February 5	5.1	2.7	0.6	2.8	4.6	1.4	2.9	3.4	3.9	3.4	3.5	31.5	1.1	32.6
March 4	4.8	2.6	0.6	2.7	4.3	1.4	2.8	3.1	3.6	3.2	3.4	30.0	1.0	30.9
April 8	4.5	2.3	0.6	2.7	4.3	1.3	2.7	2.9	3.8	3.1	3.6	29.6	0.9	30.5
May 6	4.4	2.2	0.7	2.7	4.3	1.4	2.6	2.9	4.0	3.0	3.6	29.6	0.7	30.3
June 3	4.3	2.1	0.6	2.6	4.4	1.4	2.5	2.9	3.9	3.0	3.5	29.1	0.7	29.8
July 8	3.9	2.0	0.6	2.4	4.4	1.4	2.4	2.8	3.8	2.9	3.4	28.0	0.7	28.7
August 11	3.5	1.6	0.5	2.1	4.1	1.2	2.1	2.4	3.4	2.5	3.4	25.4	0.7	26.1
<b>Vacancies at careers offices</b>														
1983 Annual	3.6	1.9	0.2	0.5	0.7	0.5	0.5	0.5	0.3	0.2	0.3	7.2	0.3	7.4
1984 averages	4.5	2.1	0.3	0.6	0.9	0.5	0.6	0.5	0.3	0.2	0.3	8.5	0.5	9.0
1985	6.0	3.2	0.4	0.7	1.2	0.6	0.6	0.7	0.3	0.2	0.3	10.8	0.7	11.5
1986	7.6	4.4	0.4	0.7	1.2	0.7	0.6	0.8	0.3	0.2	0.3	12.8	0.6	13.4
1987	11.8	7.0	0.5	1.2	1.4	0.9	0.9	1.0	0.4	0.3	0.4	18.7	0.8	19.5
1987 August 7	14.1	8.6	0.7	1.3	1.3	1.0	0.9	1.2	0.5	0.3	0.5	21.8	0.8	22.6
September 4	14.4	8.2	0.7	1.4	1.7	1.1	0.9	1.3	0.5	0.4	0.5	22.8	0.8	23.7
October 2	14.2	8.2	0.7	1.2	1.8	1.1	0.9	1.2	0.4	0.3	0.4	22.1	1.0	23.1
November 6	13.8	8.1	0.6	1.0	1.9	1.0	0.8	1.0	0.3	0.3	0.4	21.1	0.9	22.0
December 4	13.3	8.0	0.5	1.0	1.6	0.8	0.6	0.9	0.3	0.3	0.5	19.7	0.8	20.5
1988 January 8	12.6	7.5	0.5	0.9	1.3	0.9	0.8	1.1	0.3	0.3	0.5	19.1	0.8	19.9
February 5	12.2	7.0	0.5	0.9	1.0	0.9	0.7	1.0	0.3	0.2	0.5	18.0	0.8	18.8
March 4	12.7	6.7	0.7	1.1	1.3	1.0	0.7	1.1	0.3	0.3	0.5	19.6	0.8	20.4
April 8	13.3	6.7	0.8	1.2	1.5	1.0	1.0	1.3	0.3	0.3	0.4	21.1	1.0	22.1
May 6	15.4	7.0	1.1	1.7	1.8	1.3	1.3	1.6	0.5	0.4	0.7	25.8	1.2	27.0
June 3	17.6	8.2	1.1	2.2	2.3	1.8	1.3	1.8	0.6	0.3	0.7	29.6	1.1	30.7
July 8	19.9	10.2	1.3	2.1	1.8	1.2	1.5	0.5	0.3	0.6	0.6	31.3	1.0	32.3
August 11	19.8	9.9	1.1	2.1	1.9	1.5	1.3	1.4	0.6	0.4	0.6	30.6	1.0	31.6

Note: The method used for compiling vacancy statistics has changed as from October 1985. See October issue of *Employment Gazette*.

Source: Department of Employment

1. About one third of all vacancies are notified to Jobcentres. These could include some that are suitable for young persons and similarly vacancies notified to careers offices could include some for adults. Because of possible duplication the two series should not be added together. The figures represent only the number of vacancies notified by employers and remaining unfilled on the day of the count.

2. Included in South East.

3. Vacancies on Government schemes (Enterprise Ulster and Action for Community Employment(ACE)) are not separately identified for Northern Ireland prior to December 1983.

4. Includes vacancies on the Community Enterprise Programme, the forerunner of Community Programme.

## Employment

### 3.13 Industrial stoppages<sup>1</sup>

Thousands

Workers beginning involvement in period in any dispute	Total working days lost <sup>2</sup>						
	All industries and services	Mining and quarrying	Metals, engineering, shipbuilding and vehicles	Textiles, clothing and footwear	Construction	Transport and com- munication	All other industries and services
SIC 1968	All orders	II	VI-XII	XIII,XV	XX	XXII	All other orders
1980	830	11 964	166	10 155	44	281	253
1981	1 512	4 266	237	1 731	39	86	359
1982	2 101	5 313	374	1 458	66	44	1 675
Workers beginning involvement in period in any dispute	Total working days lost <sup>2</sup>						
	All industries and services	Coal, coke, mineral oil and natural gas	Metals, engineering and vehicles	Textiles, footwear and clothing	Construction	Transport and com- munication	All other industries and services
SIC 1980	All classes	11-14	21-22,31-37	43,45	50	71-79	All other classes
1982	2 101	5 313	380	1 457	61	41	1 675
1983	573	3 754	591	1 420	32	68	295
1984	1 436	27 135	22 484	2 055	66	334	666
1985	643	6 402	4 143	590	31	50	197
1986	538	1 920	143	895	38	33	190
1987	884	3 546	217	458	50	22	1 705
1985 April	64	191	17	42	5	—	46
May	38	244	22	56	—	13	3
June	19	162	4	31	—	3	4
July	32	113	5	34	—	1	6
August	30	99	11	25	1	—	8
September	106	286	20	118	4	2	11
October	112	280	7	98	6	3	43
November	68	228	3	52	3	1	12
December	28	220	1	28	4	—	29
1986 January	41	217	6	44	3	2	10
February	42	248	6	60	3	3	11
March	40	184	16	88	2	3	22
April	57	145	21	68	5	14	17
May	40	288	12	225	7	1	26
June	45	170	5	102	1	—	21
July	18	67	10	32	3	—	6
August	26	67	4	38	3	1	6
September	57	154	11	110	—	—	6
October	41	167	19	74	—	7	39
November	88	117	16	28	10	1	18
December	43	97	16	23	—	1	7
1987 January	168	889	9	55	3	—	787
February	44	928	24	59	17	5	778
March	209	251	20	54	3	1	8
April	131	336	28	49	4	1	10
May	88	222	13	30	—	2	20
June	45	345	14	23	4	1	9
July	40	214	70	22	8	6	55
August	16	43	2	19	1	1	11
September	16	56	6	24	8	2	15
October	22	76	7	41	1	2	3
November	79	127	15	65	2	1	5
December	27	60	10	16	—	1	17
1988 January	43	105	40	21	6	3	9
February	116	650	146	380	1	1	58
March	34	257	6	140	5	—	57
April	14	86	—	10	—	3	53
May	41	115	—	20	33	—	39
June	31	308	2	229	39	2	20
July	18	344	7	282	2	1	17

1. Excludes stoppages involving fewer than 10 workers or lasting less than one day except any in which the total number of working days lost exceeded 100. There may be some under-recording of small or short stoppages; this would have much more effect on the total stoppages than on working days lost. The figures for 1988 are provisional.

2. The figures of working days lost relate to the total working days lost within each of the periods shown as a result of stoppages in progress in that period, whether the stoppages began in that period or earlier.

Source: Department of Employment

# 4 Social services

## 4.1

### National insurance and child benefit

Great Britain

Thousands

	Weekly averages			At end of period			Child benefit <sup>1</sup>	
	National insurance		Retirement pensioners <sup>3</sup>	Widows receiving pensions or widowed mothers' allowances <sup>5</sup>	Families receiving benefits	Children in families receiving benefits		
	Persons in receipt of unemployment benefit <sup>2</sup>	New claims for Unemployment benefit <sup>3</sup>						
1981	7	94.5	145.6	8 825	401	7 136	12 989	
1982	1 003	98.1	132.8	8 906	394	7 045	12 750	
1983	953	99.4	60.7	8 984	387	6 958	12 526	
1984	7	100.1	27.2	8 999	381	6 881	12 346	
1985	7	103.0	27.7	9 170	366	6 819	12 210	
1986	933	101.9	21.7	9 267	356	6 762	12 095	
1987	783	91.9	19.1	9 303	347			
1986 July		128.3	16.8 *			6 861	12 315	
August	927	102.6	15.9			6 859	12 314	
September	..	133.7	18.4 *	9 267	356	6 693	11 947	
October	..	99.5	19.7			6 715	11 995	
November	923	91.6	20.2			6 734	12 037	
December	..	75.7	18.0 *			6 762	12 095	
1987 January	..	109.6	19.0			6 773	12 119	
February	913	83.5	22.1			6 793	12 164	
March	..	82.8	20.7			6 818	12 223	
April	..	79.6	17.3			6 839 #	12 269	
May	796	74.3	18.1			6 830 #	12 250	
June	..	96.4	18.2 *			6 825 #	12 249	
July	..	126.0	19.2			6 812 #	12 225	
August	747	96.5	18.8			6 809 #	12 230	
September	..	120.5	18.8 #	9 303	347	6 645 #	11 868	
October	..	89.2	19.9			6 667 #	11 917	
November	675	81.6	20.1			6 682 #	11 971	
December	..	65.0	17.9 *			6 713 #	12 014	
1988 January	..	94.0	18.4			6 721 #	12 035 #	
February	713	75.5	21.3			6 738 #	12 071 #	
March	..	73.7	21.0 *	9 290	343	6 738 #	12 073 #	
April	..	73.4				6 733 #	12 064 #	
May	636	62.5	17.6			6 720 #	12 037 #	
June	..	83.4	18.7			6 764 #	12 132 #	

1. Includes overseas cases.

2. Yearly figures are averages of quarterly figures. Quarterly figures relate to the Thursday following the first Monday in the month.

3. Excluding claims made under the emergency benefit procedure. Figures for individual months are averages of the four or five weeks starting on the first Monday of each month. 4. From 6.4.83 Statutory sick pay was introduced to cover the first 8 weeks of incapacity. From 6.4.86 the period was extended to 28 weeks. From April 1988 reporting periods will be calendar months instead of all weeks (ending on Tuesday) in each month.

5. Excluding pensioners in receipt of non-contributory retirement pension awarded under National Insurance Acts 1970 and 1971 and cases where graduated pension only was awarded. 6. Including a diminishing number of widows with pensions of £1.50 a week derived from the old Contributory Pensions Acts. 7. Data not available.

Source: Department of Health and Social Security

## 4.2

### Family income supplement

Great Britain  
At last Tuesday of month

Thousands

Families receiving family income supplement							
	All families	Two-parent families	One-parent families	All families	Two-parent families	One-parent families	
1982 January	134	70	64	1985 January	202	120	82
April	143	77	66	April	199	117	82
July	153	84	69	July	201	118	83
October	158	88	70	October	196	116	80
1983 January	174	99	75	1986 January	199	117	82
April	186	108	78	April	200	117	83
July	197	116	81	July	215	127	88
October	204	122	82	October	221	131	90
1984 January	200	119	80	1987 January	217	127	90
April	203	122	81	April	220	128	92
July	206	124	82				
October	204	122	82				

Source: Department of Health and Social Security

Social services

**4.3** Supplementary benefits: pensions and allowances

Great Britain  
In a week in the month shown

Thousands

Total number of supplementary benefit recipients	Supplementary pensions <sup>1</sup>		Supplementary allowances (persons under pension age) <sup>1, 2</sup>									
	Retirement pensioners in receipt of national insurance pension	Others not pensioners in receipt of national insurance pension or benefit	Unemployed			Sick and disabled <sup>2</sup>			National insurance widows under 60 years	One-parent families not included in other groups	Others	
			With contributory benefit	Without contributory benefit	Total	With contributory benefit	Without contributory benefit	Total				
1985 February	4 683	1 570	87	222	1 795	2 017			284	16	510	199
May	4 663	1 603	97	223	1 735	1 959			286	16	505	197
August	4 773	1 605	89	209	1 845	2 055			288	15	532	190
December	4 587	1 529	100	199	1 736	1 935			278	14	539	191
1986 February	4 938	1 599	118	220	1 901	2 121	108	193	301	20	575	204
May	4 920	1 607	99	222	1 875	2 087			317	16	577	206
August	5 055	1 624	92	208	1 982	2 189			318	16	609	208
December	4 968	1 645	95	195	1 843	2 038			339	16	622	213
1987 February	5 008	1 628	91	199	1 886	2 084			346	15	631	213
May	4 873	1 613	98	163	1 786	1 950			351	18	629	213
July	4 977	1 630	91	151	1 851	2 002			353	17	661	223
November	4 834	1 642	93	137	1 679	1 817			376	15	665	226
1988 February	4 830											

1. Pension age means 65 years for men and 60 years for women.

2. Includes a small number of persons over pension age.

3. 60 years and over.

Source: Department of Health and Social Security

**4.4** Family practitioner services

Thousands

	England and Wales				Scotland					
	Pharmaceutical services	Dental services	Ophthalmic services		Pharmaceutical services	Dental services	Ophthalmic services			
			Prescriptions dispensed by chemists, etc. <sup>1</sup>	Completed courses of treatment and cases of occasional treatment <sup>2</sup>	Sight tests paid for	Pairs of NHS glasses dispensed/ vouchers issued <sup>4</sup>	Prescriptions dispensed by chemists, etc. <sup>3</sup>	Completed courses of treatment and cases of occasional treatment <sup>2</sup>	Sight tests paid for	Pairs of NHS glasses dispensed/ vouchers issued <sup>4</sup>
1981	323 403	30 503	8 932	5 226	33 873	2 595	736	552		
1982	335 301	31 468	9 191	5 200	34 973	2 672	761	568		
1983	339 869	32 087	9 558	5 172	35 689	2 746	816	570		
1984	345 509	32 609	10 308	5 283	36 385	2 792	857	605		
1985	343 393	33 051	10 844	3 556	36 405	2 857	918	438		
1986	347 602		11 125 <sup>b</sup>	2 376 <sup>b</sup>	36 683	2 993	950	292		
1987	361 330		11 742 <sup>b</sup>	2 684 <sup>b</sup>						
1984 2nd quarter	86 214	8 100	2 602	1 345	9 147	702	222	157		
3rd quarter	82 462	8 032	2 467	1 244	8 695	685	204	144		
4th quarter	88 304	8 482	2 844	1 397	9 282	713	237	162		
1985 1st quarter	91 581	8 199	2 540	1 216	9 561	694	221	142		
2nd quarter	81 492	8 000	2 916	1 178	8 653	741	244	137		
3rd quarter	82 435	8 565	2 547	574	8 690	739	214	76		
4th quarter	87 886	8 287	2 840	588	9 501	683	239	83		
1986 1st quarter	85 784	8 364	2 543	519	9 050	763	217	66		
2nd quarter	86 462	8 693	2 805	568	9 156	774	247	79		
3rd quarter	85 670	8 075	2 770	564	9 036	743	229	73		
4th quarter	89 686	8 933	3 006 <sup>b</sup>	724 <sup>b</sup>	9 441	715	257	87		
1987 1st quarter	89 143	8 153	2 661 <sup>b</sup>	614 <sup>b</sup>	9 518	751	233	76		
2nd quarter	88 859	8 615	2 957 <sup>b</sup>	698 <sup>b</sup>	9 454	755	258	89		
3rd quarter	89 253	8 624	2 949 <sup>b</sup>	670 <sup>b</sup>	9 364	740	252	83		
4th quarter	94 071	8 467	3 175 <sup>b</sup>	702 <sup>b</sup>	10 014	741	279	90		
1988 1st quarter	95 388	8 494			9 754	769	309	86		
2nd quarter		8 378								

1. Includes drug stores and appliance contractors.

2. Number scheduled in respect of the stated period.

3. Excludes Sighthill Health Centre and doctors' stock orders and includes those dispensed by appliance suppliers.

4. From July 1986 this relates to the number of voucher claims submitted.

Sources: Department of Health and Social Security

Common Services Agency for the Scottish Health Service

# 5 Law enforcement

## 5.1

### Notifiable offences recorded by the police

England and Wales

Thousands

	Total	Violence against the person	Sexual offences <sup>1</sup>	Burglary	Robbery	Theft and handling stolen goods	Fraud and forgery	Criminal damage	Other <sup>2</sup>
1982	3 262.4	108.7	19.7	805.4	22.8	1 755.9	123.1	417.8	9.0
1983	3 247.6	111.3	20.4	808.3	22.1	1 705.9	121.8	443.3	13.8
1984	3 499.1	114.2	20.2	892.9	24.9	1 808.0	126.1	497.8	15.0
1985	3 611.9	121.7	21.5	866.7	27.5	1 884.1	134.8	539.0	16.7
1986	3 847.4	125.5	22.7	931.6	30.0	2 003.9	133.4	583.6	16.7
1987	3 892.2	141.0	25.2	900.1	32.6	2 052.0	133.0	589.0	19.3
1984 1st quarter	838.0	24.9	4.2	229.7	6.0	421.3	30.4	118.2	3.3
2nd quarter	878.5	28.3	5.0	221.5	5.8	455.9	30.2	128.3	3.4
3rd quarter	856.2	30.7	5.8	206.7	6.1	453.0	31.6	120.3	4.0
4th quarter	924.4	30.2	5.2	235.1	7.0	477.8	33.8	130.9	4.3
1985 1st quarter	865.9	26.7	4.7	222.6	6.5	444.8	35.3	121.5	3.8
2nd quarter	909.6	30.7	5.2	213.4	6.4	478.9	31.8	139.1	4.2
3rd quarter	887.3	31.8	5.9	203.2	6.5	470.3	33.5	131.7	4.4
4th quarter	949.1	32.5	5.6	227.4	8.1	490.1	34.2	146.7	4.4
1986 1st quarter	922.2	28.0	5.0	240.1	7.6	465.7	34.0	138.1	3.7
2nd quarter	986.1	32.6	6.1	234.4	7.1	514.8	34.5	151.9	4.2
3rd quarter	936.1	32.1	5.8	213.4	7.2	504.1	32.9	136.4	4.3
4th quarter	1 003.1	32.8	5.8	243.5	8.1	519.2	32.0	157.2	4.5
1987 1st quarter	951.0	29.7	5.1	243.3	8.1	487.3	31.9	141.8	3.8
2nd quarter	985.3	34.7	6.3	222.1	7.7	522.5	32.7	154.7	4.5
3rd quarter	954.0	38.6	7.2	205.3	8.2	513.5	33.5	142.5	5.2
4th quarter	1 001.9	38.0	6.6	229.5	8.6	528.7	34.9	150.0	5.7
1988 1st quarter	971.2	35.5	6.3	229.6	7.9	499.5	35.4	151.4	5.5
2nd quarter	925.7	39.1	6.7	198.0	7.5	484.6	34.1	150.1	5.6

1. Includes from the beginning of 1983 offences of 'gross indecency with a child'.

2. Includes from the beginning of 1983 offences of 'trafficking in controlled drugs'.

Source: Home Office

## 5.2

### Crimes and offences recorded by the police

Scotland

Thousands

	Total crimes and offences (annual)	Total crimes and offences (monthly)	Non-sexual crimes of violence	Crimes of indecency	Crimes of dishonesty	Fire- raising vandalism etc	Other crimes	Miscel- laneous offences	Motor vehicle offences
1982	762.5	766.1	12.3	5.0	343.2	66.4	12.0	115.8	211.5
1983	799.6	800.3	13.3	5.5	345.2	72.9	14.1	112.8	236.6
1984	809.5	811.4	13.9	5.7	360.6	79.3	17.1	115.2	219.6
1985	800.4	813.6	15.3	5.8	344.0	79.8	19.3	119.2	230.3
1986	822.4	823.5	15.7	5.4	342.5	78.9	21.4	120.4	238.1
1987	858.3	858.3	18.5	5.2	356.7	76.6	24.4	127.2	249.6
1984 1st quarter	188.9	3.1	1.2	83.0	19.1	3.5	26.6	52.3	
2nd quarter	207.0	3.4	1.5	90.6	20.0	4.2	30.0	57.3	
3rd quarter	202.9	3.7	1.6	91.2	19.6	4.8	29.7	52.4	
4th quarter	212.6	3.7	1.5	95.8	20.5	4.6	28.9	57.6	
1985 1st quarter	196.4	3.6	1.4	82.7	19.0	4.2	26.5	59.0	
2nd quarter	207.8	3.8	1.6	86.5	20.5	4.7	31.2	59.4	
3rd quarter	203.1	4.0	1.4	85.8	19.6	5.1	31.1	56.2	
4th quarter	206.4	4.0	1.4	88.9	20.7	5.2	30.4	55.7	
1986 1st quarter	196.4	3.6	1.2	80.6	19.9	4.7	27.8	58.7	
2nd quarter	206.1	4.1	1.4	84.0	20.5	5.2	30.7	60.3	
3rd quarter	202.5	4.1	1.4	85.2	18.5	5.4	30.9	57.1	
4th quarter	218.5	4.3	1.4	93.5	20.3	6.0	31.2	61.8	
1987 1st quarter	202.2	4.2	1.2	84.1	18.2	5.2	28.7	60.6	
2nd quarter	218.5	4.6	1.5	90.1	20.1	5.8	32.8	63.5	
3rd quarter	217.6	4.8	1.4	90.6	19.2	6.8	33.2	61.6	
4th quarter	220.0	4.9	1.2	91.8	19.1	6.6	32.5	63.9	
1988 1st quarter	209.6	4.4	1.3	85.3	18.4	6.0	30.2	64.0	
2nd quarter	207.1	4.4	1.3	83.6	18.2	6.9	31.3	61.3	

1. Components may not add to totals due to separate rounding.

Source: Scottish Home and Health Department

# 6 Agriculture and food

## 6.1 Land use and crop areas<sup>1</sup>

	Area at the June Census Thousand hectares					
	1982	1983	1984	1985	1986	1987
Total crops	5 072	5 027	5 154	5 224	5 239	5 268
Bare fallow	55	97	42	41	48	40
All grasses under five years old	1 859	1 846	1 794	1 796	1 723	1 699
All grasses five years old and over	5 097	5 107	5 105	5 019	5 077	5 106
Sole right rough grazing	4 984	4 927	4 895	4 872	4 829	4 773
All other land on agricultural holdings, including woodland	502	519	517	535	543	547
Total area on Agricultural holdings	17 569	17 523	17 508	17 487	17 459	17 436
Common rough grazing (estimated)	1 214	1 212	1 212	1 216	1 216	1 216
Total Agricultural area	18 783	18 735	18 720	18 703	18 676	18 652
Total area of the United Kingdom	24 088	24 088	24 088	24 085	24 086	..
Crops						
<b>Cereals (excluding maize) Total</b>	<b>4 030</b>	<b>3 961</b>	<b>4 036</b>	<b>4 015</b>	<b>4 024</b>	<b>3 940</b>
Wheat	1 663	1 695	1 939	1 902	1 997	1 992
Barley	2 222	2 143	1 978	1 965	1 916	1 836
Oats	129	108	106	133	97	100
Mixed corn	10	8	8	7	7	6
Rye	6	7	6	8	7	7
Rape grown for oilseed	174	222	269	296	299	391
Sugar beet, not for stockfeeding	204	199	199	205	205	203
Potatoes: Early crop	25	24	}	198	191	178
Main crop	167	171				178
Mainly fodder crops:						
Maize for threshing or stockfeeding	16	15	16	20	23	24
Field beans <sup>2</sup>	40	34	32	45	60	91
Turnips and swedes <sup>3</sup>	71	66	64	62	59	56
Fodder beet and mangolds <sup>3</sup>	5	5	8	12	13	13
Kale, cabbage, savoy, kohlrabi and rape	43	40	39	37	33	29
Peas harvested dry <sup>4</sup>	..	29	56	92	91	119
Other crops for stockfeeding	31	25	22	20	20	12
Hops	6	6	5	5	4	4
Other crops, not for stockfeeding	6	7	6	11	18	11
<b>Horticultural crops (excluding mushrooms) Total<sup>5</sup></b>	<b>254</b>	<b>224</b>	<b>204</b>	<b>212</b>	<b>213</b>	<b>197</b>
Brussels sprouts	13	11	11	11	11	..
Cabbage (all kinds)	13	12	13	12	13	..
Cauliflower and calabrese	14	13	12	12	13	..
Carrots	14	13	14	14	14	..
Parsnips	3	2	3	3	3	..
Turnips and swedes <sup>7</sup>	3	..	..	..	..	..
Beetroot	2	2	2	2	2	..
Onions salad }	9	8	8	9	9	..
Onions dry bulb						
Beans broad }	12	11	10	11	10	..
Beans runner and French						
Peas for harvesting dry <sup>6</sup>	27	18	..	..	..	..
Peas green for market }	56	47	46	53	52	..
Peas green for processing						
Celery (field grown)	1	1	1	1	1	..
Lettuce (not under glass)	4	4	4	4	4	..
Other vegetables and mixed areas	9	10	10	12	12	..
Orchards: commercial	40	38	37	36	36	..
non-commercial	3	2	2	2	2	..
Small fruit <sup>8</sup>	18	17	16	16	15	..
Hardy nursery stock	7	7	7	7	7	..
Bulbs grown in the open	5	4	4	4	4	..
Other flowers grown in the open	1	1	1	1	1	..
Area under glass or plastic covered structures	2	2	2	2	2	..

1. Figures include estimates for minor holdings in England and Wales but not for Scotland and Northern Ireland. For further details refer to the *Supplement of Definitions*.

Sources: Agricultural Departments

2. Prior to 1986 collected as 'Beans for stock feeding' in England and Wales.

3. Fodder beet in Northern Ireland is included with turnips and swedes. In Scotland fodder beet was collected separately for the first time in 1986. It was previously included with turnips and swedes.

4. Includes 'Peas for harvesting dry for both human consumption and stockfeeding' from 1984 onwards.

5. Figures relate to land usage at 1 June and are not necessarily good indicators of production as for some crops more than one crop may be obtained in each season or a crop may overlap two seasons.

6. Following a change of definition in 1986 'Horticultural crops' now excludes 'Peas for harvesting dry for human consumption' as well as 'Mushrooms'. The data from 1984 reflect this change.

7. Included with other vegetables from 1983 onwards.

8. Excludes area of small fruit grown under orchard trees in England and Wales which is returned as orchards.

## 6.2

Crops: Yields and production<sup>1</sup>

	Yields per hectare (tonnes)					Production ('000 tonnes) <sup>2</sup>				
	1983	1984	1985	1986	1987	1983	1984	1985	1986	1987
<b>Agricultural crops</b>										
Wheat	6.37	7.72	6.33	6.96		10 800	14 970	12 050	13 910	
Barley (winter and spring)	4.66	5.59	4.95	5.22		9 980	11 070	9 740	10 010	
Oats	4.32	4.89	4.59	5.16		465	515	615	505	
Mixed corn	4.14	4.65	4.27	4.31		35	35	31	29	
Rye	3.65	4.68	4.64	4.72		24	28	35	32	
Rape grown for oilseed	2.53	3.44	3.03	3.23		565	925	895	965	
Sugar beet <sup>3</sup>	38.3	45.9	38.3	40.4		7 495	9 015	7 715	8 120	
Potatoes <sup>4</sup> : Early crop	20.5	18.7	24.1	21.2		322	397	403	365	
Main crop	30.7	39.2	36.7	37.6		5 535	7 001	6 489	6 085	
<b>Crops for stockfeeding:</b>										
Maize	36.5	37.5	38.5	39.1		550	580	770	915	
Beans	3.10	3.86	3.41	3.84		105	125	155	230	
Turnips and swedes <sup>5</sup>	55.5	61.7	52.8	65.3		3 655	3 960	3 300	3 855	
Fodder beet and mangolds <sup>5</sup>	56.3	69.5	67.0	68.1		295	570	815	845	
Kale, cabbage, savoy, kohlrabi and rape	41.9	46.4	41.9	42.3		1 660	1 805	1 555	1 380	
Peas harvested dry <sup>6</sup>	2.96	4.08	2.74	3.64		85	170	215	330	
Hops <sup>3</sup>	1.51	1.55	1.37	1.20	1.31	9	8	7	5	5
<b>Horticultural crops<sup>7,8</sup></b>										
	1983/84	1984/85	1985/86	1986/87 <sup>9</sup>	1987/88 <sup>9</sup>	1983/84	1984/85	1985/86	1986/87 <sup>9</sup>	1987/88 <sup>9</sup>
<b>Field Vegetables</b>										
Brussels sprouts	13.1	14.6	13.8	14.7	15.1	154.3	169.2	152.2	167.8	165.1
Cabbage, inc. savoy and spring greens	26.4	31.4	30.6	29.9	30.5	518.3	670.4	682.7	687.8	689.8
Cauliflowers	18.7	20.6	20.2	20.3	21.2	298.5	344.2	355.9	359.6	384.4
Carrots	42.2	41.3	42.7	42.8	38.5	554.4	571.9	600.3	634.6	566.9
Parsnips	21.4	22.2	22.4	22.2	21.2	51.3	57.0	62.2	68.1	65.6
Turnips and swedes	33.1	31.4	33.4	34.8	34.4	134.7	142.5	139.9	162.8	158.9
Beetroot	39.1	37.4	38.8	36.9	36.6	93.5	115.2	113.9	94.6	93.9
Onions dry bulb	27.0	35.8	32.0	33.3	33.3	174.6	237.9	267.5	247.4	305.1
Onions salad	16.4	14.7	13.7	14.1	14.2	25.8	22.8	25.1	29.8	30.8
Leeks	21.2	23.1	23.3	22.7	22.8	43.7	52.7	59.5	70.6	77.0
Beans broad (shelled weight)	4.5	5.3	4.8	5.0	4.9	17.0	20.7	18.9	14.1	11.2
Beans runner and French	9.3	10.4	9.0	9.4	7.5	64.9	76.7	65.1	67.4	50.2
Peas harvested dry (dried shelled weight)	2.9	4.1	2.7	3.6	3.0	50.8	56.8	36.5	52.1	53.5
Peas green for market (in pod weight)	8.4	8.4	8.6	8.7	8.3	22.5	26.7	26.2	19.8	19.4
Peas green for processing (shelled weight)	4.6	5.7	4.6	5.1	4.4	197.5	240.6	206.1	238.6	194.5
Celery	45.1	56.5	52.7	54.8	54.0	45.6	57.0	53.3	64.9	68.8
Lettuce	24.3	24.8	29.5	30.2	31.7	154.5	152.8	165.7	159.9	170.7
Rhubarb	36.3	32.2	38.3	34.3	35.3	29.0	25.9	25.8	28.3	28.6
<b>Protected crops</b>										
Tomatoes	162.9	175.4	173.2	194.3	189.2	121.1	128.7	124.6	137.4	131.6
Cucumbers	259.0	300.4	309.6	333.7	370.8	60.6	67.6	71.2	75.7	85.3
Lettuce	30.2	30.3	31.0	31.0	31.6	48.8	48.1	48.9	49.8	51.1
<b>Fruit</b>										
Dessert apples	12.7	12.7	11.3	11.7	11.4	186.0	183.6	160.5	163.3	167.1
Cooking apples	13.3	17.7	16.0	15.6	13.6	125.6	163.0	144.9	139.3	121.6
Pears	13.9	12.4	13.2	12.2	16.4	54.0	48.1	50.7	46.6	63.4
Plums	10.6	11.1	8.4	12.2	13.0	36.4	34.0	23.7	33.2	32.8
Soft fruit	..	..	..	..	..	123.8	113.7	110.8	108.7	110.1

Sources: Agricultural Departments

1. Except for sugar beet and hops the production area for England and Wales is the area returned at the June census together with estimates for minor holdings. In Scotland and Northern Ireland the area returned at June is also the production area except that estimates for minor holdings are included in Scotland for potatoes and in Northern Ireland for barley, oats and potatoes.
2. Crop production figures for wheat and barley have been rounded to the nearest 10,000 tonnes; mixed corn, rye and hops to the nearest 1,000 tonnes and other agricultural crops to the nearest 5,000 tonnes.
3. The yield and production data for sugar beet and hops are obtained from British Sugar plc and English Hops Ltd. respectively.
4. From 1984 the method of calculation of the potato yield and production data has been changed. The figures are now derived from Potato Marketing Board statistics.
5. Collected as turnips, swedes and fodder beet in Scotland.
6. Collected as peas for harvesting dry for human consumption and stock feeding in 1986.
7. Yields are estimated average gross yields, i.e. the weight of crop that was available for harvesting from each hectare cropped during a single crop year. No deductions are made for the possibility that some of the crop was not harvested or for losses following harvesting.
8. Production is the product of yields and cropped areas. For some vegetable crops, the areas under production may produce more than one crop during a single season and will therefore be greater than the areas measured by the June census (ie Table 6.1) by a factor equalling the number of crops harvested in any given year. Figures represent the maximum available supply during a single crop year, nominally the period 1 June to 31 May during which the bulk of the crop is harvested.

Agriculture

**6.3** Livestock<sup>1</sup>

Thousands

	1983		1984		1985		1986		1987	
	June	December								
<b>Cattle and Calves</b>										
Total cattle and calves	13 290	13 157	13 213	12 985	12 911	12 695	12 533	12 476	12 182	11 849
Dairy herd total	3 333	3 429	3 281	3 311	3 150	3 257	3 138	3 242	3 036	3 052
Cows and heifers in milk	3 058	2 736	2 977	2 637	2 882	2 622	2 869	2 616	2 768	2 456
Cows in calf but not in milk	274	693	303	674	268	634	289	625	268	596
Beef herd total	1 358	1 342	1 351	1 349	1 333	1 322	1 308	1 338	1 339	1 364
Cows and heifers in milk	1 132	700	1 124	674	1 103	671	1 075	685	1 080	710
Cows in calf but not in milk	225	642	227	675	230	652	233	642	259	654
Heifers in calf (first calf) total	847	585	811	567	874	660	879	598	772	611
Dairy herd	688	416	658	397	703	479	711	405	587	390
Beef herd	159	169	154	170	171	181	168	193	175	221
Bulls for service	83	81	80	78	78	74	76	74	73	72
All other cattle and calves total	7 670	7 721	7 690	7 680	7 476	7 381	7 132	7 224	6 961	6 750
Two years old and over	904	939	905	921	852	844	769	807	745	711
One year old and under two years	3 059	3 134	3 069	3 088	3 012	2 967	2 819	2 870	2 758	2 740
Under one year old	3 707	3 648	3 716	3 671	3 613	3 571	3 544	3 547	3 459	3 299
<b>Sheep and Lambs</b>										
Total sheep and lambs	34 069	23 317	34 802	23 946	35 628	24 540	37 016	25 976	38 788	27 820
Sheep one year old and over total	17 457	16 458	17 722	16 640	18 062	17 013	18 632	17 884	19 321	18 591
Ewes kept for breeding	13 310	15 249	13 648	15 465	13 893	15 932	14 252	16 667	14 789	17 375
Two tooth ewes (shearlings or gimmers)	2 933		2 892		2 984		3 146		3 267	
Rams kept for service	383	414	393	426	406	443	419	457	436	487
Others	831	795	788	750	778	638	814	759	829	729
Lambs under one year old	16 612	6 859	17 080	7 306	17 566	7 527	18 384	8 092	19 467	9 228
<b>Pigs</b>										
Total pigs	8 174	7 782	7 689	7 793	7 865	7 930	7 937	7 955	7 906	7 915
Sows and gilts for breeding total	918	865	877	888	908	912	903	908	892	901
Sows in pig	542	510	518	526	530	537	534	533	528	536
Gilts in pig	110	96	105	107	112	102	108	106	105	104
Other sows kept for breeding	204	184	178	181	187	187	182	183	180	182
Gilts 50kg (110lbs) and over expected to be used for breeding	82	75	77	84	80	85	79	86	80	79
Boars being used for service	45	43	42	43	44	45	44	45	44	45
Barren sows for fattening <sup>2</sup>	15	16	12	14	12	13	12	11	10	14
All other pigs total	7 176	6 857	6 757	6 838	6 902	6 960	6 978	6 992	6 960	6 955
110kg (240lb) and over <sup>2</sup>	100	87	91	101	89	72	80	78	66	67
80kg (175lb) and under										
110kg (240lb)	605	610	599	600	589	600	603	658	599	613
50kg (110lb) and under	1 868	1 826	1 787	1 831	1 813	1 877	1 863	1 870	1 871	1 822
80kg (175lb)										
20kg (45lb) and under	2 362	2 244	2 198	2 200	2 260	2 258	2 270	2 221	2 256	2 270
50kg (110lb)										
Under 20kg (45lb)	2 241	2 091	2 082	2 106	2 151	2 153	2 163	2 165	2 169	2 183
<b>Poultry</b>										
Fowls total	117 854	111 144	118 846	110 315	119 456	111 782	120 740	119 391	124 253	126 840
Growing pullets (from day old to point of lay)	11 828	12 018	12 536	11 495	12 503	12 115	12 502	11 085	11 823	11 551
Birds that have been in the laying flock for:-										
Less than 12 months	29 930	29 447	29 159	29 334	29 147	29 776	29 778	30 105	27 886	29 635
12 months or more	11 197	11 290	11 414	10 186	10 391	9 804	8 318	8 752	10 296	9 240
Fowls for breeding (including cocks and cockerels)	6 012	5 555	6 396	6 041	6 104	6 092	6 334	6 785	6 803	6 905
Broilers and other table fowl	58 887	52 834	59 341	53 258	61 311	53 995	63 807	62 664	67 444	69 509
Ducks	1 566		1 605	1 527	1 553	1 648	1 631	1 741	1 756	
Geese										
Turkeys	8 198			7 134		7 864				

1. Figures include estimates for minor holdings in England and Wales but not for Scotland and Northern Ireland. For further details refer to the *Supplement of Definitions*.

2. Barren sows for fattening in Northern Ireland are included with 'All other pigs weighing 110kg and over'.

Sources: Agricultural Departments

## 6.4

## Cereals and cereal products

Monthly averages or totals for four or five week periods Stocks: end of period

Thousand tonnes

	Wheat and flour				Oats				Barley				Breakfast cereals <sup>1</sup>		
	Sales of wheat milled home grown	Home wheat produced for food	Imports	Stocks (including flour as wheat)	Flour disposals	Sales of oats milled home grown	Products of oat-milling	Stocks	Sales of barley	Disposals for food and brewing	Stocks	Production	Breakfast cereals production		
1982	266	264	129	888	292	291	11	12	6.9	38	360	357	1 003	19.1	54.0
1983	282	271	100	909	285	289	10	12	6.9	30	366	369	971	19.5	54.2
1984	308	297	85	931	300	302	10	12	7.2	37	465	479	1 118	20.6	43.9
1985	301	301	95	1 033	304	303	13	12	7.3	36	374	395	975	20.8	57.9
1986	272	257	146	1 263	308	305	13	13	8.0	37	473	472	1 143	20.3	59.3
1987	322	318	87	918	319	313	14	13	8.3	27	394 <sup>b</sup>	397 <sup>b</sup>	795	21.7	58.0
1988	338	312	64	1 002	298	299	11	12	7.0	31	463	515	782	20.0	50.3
March	376	365	76	847	349	348	9	13	8.0	25	452	546	664	20.0	60.3
April	333	289	57	907	284	281	8	11	7.0	25	331	426	539	22.0	47.4
May	332	322	60	801	302	300	9	12	7.0	22	183	287	431	25.0	66.8
June	315	380	73	720	360	354	6	11	7.0	17	105	211	322	24.0	88.2
July	190	277	87	658	286	278	12	11	7.0	18	350	284	598	22.0	56.3
August	329	287	90	825	298	311	19	16	10.0	22	798	414	989	25.0	55.1
September	315	364	138	964	389	391	24	15	11.0	30	399	306	1 085	23.0	..
October	344	292	106	1 005	307	301	19	15	8.0	34	440	435	1 187	20.0	..
November	289	278	138	1 043	321	324	14	15	9.0	33	317	363	1 165	19.0	..
December	348	319	157	1 148	369	358	17	16	10.0	34	414	447	1 092	21	..
January	258	243	130	1 066	284	294	13	15	8.0	30	495	543	1 015	21	..
February	254	253	155	1 064 <sup>b</sup>	305	297	13	13	7.0	51	604	680	825	24	..
March	284	292	179	1 063 <sup>b</sup>	367 <sup>b</sup>	323 <sup>b</sup>	13	14	8.0	30	448	543	706	23	..
April	252	244	147	1 040	302	304	13	12	8.0	28	223	552	533	24	..
May	278	260	151	1 007	319	318	8	11	7.0	25	142	252	415	24	..

1. Other than oatmeal and oatmeal flakes.

2. Including quantities used for brewing, malting and distilling.

Source: Ministry of Agriculture, Fisheries and Food

## 6.5

## Animal feedingstuffs

Monthly averages or totals for four or five week periods Stocks: end of period

Thousand tonnes

	Maize			Oilcake and meal <sup>1</sup>			Wheat milling offals		
	Disposals	Stocks	Production	Disposals	Stocks	Production	Disposals	Stocks	
Total <sup>2</sup>	For animal feed <sup>2</sup>	For food and industrial uses							
1982	177	50	128	142	103	236	170	93	
1983	152	35	123	122	79	241	77	88	
1984	133	27	108	93	67	225	158	90	
1985	131	36	95	83	70	227	179	91	
1986	128	31	97	58	69	217	172	92	
1987	116 <sup>b</sup>	23 <sup>b</sup>	92 <sup>b</sup>	59	65	..	178	83	
1987	179	70	109	77	56	..	172	81	
March	126	27	99	71	73	..	138	93	
April	109	12	97	55	64	..	183	75	
May	105	8	97	57	83	..	203	79	
June	94	8	86	60	..	..	..	..	
July	141	56	85	41	..	..	..	..	
August	72 <sup>b</sup>	10 <sup>b</sup>	94 <sup>b</sup>	44	..	..	..	..	
September	128	19	109	63	..	..	..	..	
October	167	65	102	46	..	..	..	..	
November	159	73	86	69	..	..	..	..	
December	138 <sup>b</sup>	49	89	69	..	..	..	..	
1988	109	19	90	62	..	..	..	..	
January	120	29 <sup>b</sup>	91 <sup>b</sup>	52	..	..	..	..	
February	111	26 <sup>b</sup>	85 <sup>b</sup>	43	..	..	..	..	
March	91	10	81 <sup>b</sup>	54	..	..	..	..	
April	129	42	87	64	..	..	..	..	

1. Excluding castor meal, cocoa, cake and meal.

2. Including maize meal.

Source: Ministry of Agriculture, Fisheries and Food

## Feedingstuffs and food

### 6.6 Production of compound feedingstuffs

Monthly averages

Thousand tonnes

	Total	Cattle food	Calf food	Pig food	Poultry food	Other compounds
1982	984.6	417.3	39.4	191.4	302.5	33.9
1983	1 019.4	454.7	42.6	191.0	294.3	37.5
1984	895.3	365.1	35.2	175.1	277.6	42.5
1985	868.4	347.9	33.4	178.5	269.1	44.3
1986	934.0	375.0	33.6	183.3	288.8	53.3
1985 1st quarter	1 018.3	456.6	42.0	174.6	259.3	85.8
2nd quarter	760.4	255.3	28.2	174.9	265.3	36.7
3rd quarter	740.3	245.7	23.0	176.1	272.9	22.6
4th quarter	954.4	414.3	40.5	188.5	278.9	32.2
1986 1st quarter	1 049.0	470.5	41.9	177.5	266.7	92.4
2nd quarter	892.6	343.4	31.2	179.3	280.8	57.9
3rd quarter	799.5	267.1	22.4	183.4	299.6	26.9
4th quarter	987.9	414.5	38.6	188.3	310.4	36.2
1987 1st quarter <sup>b</sup>	1 016.0	423.3	37.8	171.5	281.6	101.7
2nd quarter <sup>b</sup>	798.4	252.1	23.0	176.4	298.1	48.8
3rd quarter <sup>b</sup>	762.0	222.1	19.5	183.7	307.0	29.7
4th quarter <sup>b</sup>	968.4	376.2	34.2	187.5	317.5	43.0
1988 1st quarter <sup>b</sup>	1 037.3	409.4	34.8	181.8	295.8	115.5

Source: Ministry of Agriculture, Fisheries and Food

### 6.7 Potatoes, sugar and jam

Monthly averages, calendar months or totals for four or five week periods.

Stocks: end of period

Thousand tonnes

Potatoes <sup>1</sup>	Sugar (as refined) <sup>2</sup>					Syrup and Glucose treacle			Jam and marmalade	
	Movement into human consumption in the United Kingdom			Thousand Tonnes	Production from home grown sugar beet	Disposals		Stocks <sup>3</sup>	Production	Production
	From Home <sup>5</sup> crop	Imports	Exports			Total <sup>4</sup>	For food in the United Kingdom <sup>7</sup>			
1982	415	81	8	3 719	118.2	195.1	193.8	824.3	4.4	37.2
1983	429	69	8	2 794	88.5	188.2	186.2	916.9	4.3	38.2
1984	418	64	8	3 131	109.5	190.6	188.4	1 014.5	4.6	39.5
1985	453	55	7	3 644	100.9	187.4	184.9	868.5	4.6	38.3
1986	459 <sup>b</sup>	68	13	..	112.1	188.3	185.7	643.4	4.3	39.3
1986 December	510 <sup>b</sup>	44	19	..	370.3	161.7	161.7	907.9	3.5	30.7
1987 January <sup>b</sup>	472 <sup>b</sup>	41	12	2 937	124.4	186.8	185.7	987.9	4.2	36.0
February	467	46	14	2 038	170.6	167.1	166.8	909.2	4.5	36.1
March	504	37	14	..	-	180.5	173.5	810.0	4.5	38.2
April <sup>b</sup>	501	84	10	..	-	214.3	212.8	712.0	5.2	37.5
May	347	103	11	..	-	177.6	175.7	637.2	3.6	37.7
June	257	185	8	..	-	194.8	194.5	563.1	4.4	35.6
July <sup>b</sup>	356	99	8	..	-	239.4	237.5	457.4	4.8	39.5
August	394	63	9	..	-	166.3	163.4	366.4	3.5	38.4
September	532	63	11	..	0.5	171.0	169.4	223.7	3.7	36.1
October <sup>b</sup>	574	63	22	4 449 <sup>b</sup>	296.7	226.6	226.3	423.8	5.4	47.0
November	551	70	21	3 732	336.2	197.6	197.4	658.4	4.8	37.8
December	521	65	15	..	348.1	175.4	173.7	899.1	4.0	30.6
1988 January	488	70	10	2 888	164.4	181.5 <sup>b</sup>	179.8 <sup>b</sup>	979.0	5.4	44.2
February	471	82	13	2 060	80.0 <sup>b</sup>	178.7 <sup>b</sup>	177.2 <sup>b</sup>	886.6	4.6	38.3
March	521	89	8	..	1.8 <sup>b</sup>	185.2 <sup>b</sup>	183.7 <sup>b</sup>	..	4.3	40.2
April	411	84	9	..	..	212.5 <sup>b</sup>	211.0	..	4.5	43.4

1. Based on returns from Potato Marketing Board and Department of Agriculture, Northern Ireland.

2. Back dated figures may differ from those previously published (prior to April 1986) due to a more reliable data coverage which was not previously available.

3. From January 1984, recorded stocks of imported and home-produced supplies of raw and refined sugar.

4. From January 1984, total UK consumption by food and other industries (including sugar used in manufactured goods).

5. Includes movements through recorded sources and an allowance for unrecorded sales. Potatoes processed for export are excluded.

6. Changes in stocks differ from movements into human consumption due to wastage when dressing potatoes on producers' / merchants' premises.

7. From January 1984, total UK consumption excluding use by non-food industries.

Sources: Ministry of Agriculture, Fisheries and Food, Business Statistics Office

## 6.8

## Animals slaughtered and meat produced

Monthly averages or totals for four or five week periods

	Animals slaughtered (Thousands)							Meat produced (Thousands tonnes)						
	Steers and heifers	Cows and bulls	Calves	Ewes and rams	Other sheep and lambs	Sows and boars	Other pigs			Total	Beef and veal	Mutton and lamb	Pork	Offal
							Used wholly for bacon	Used in part for bacon	Other uses					
1983	237	78	10	118	1 137	37	155	330	810	187.1	86.5	23.8	63.5	13.3
1984	256	92	11	133	1 113	27	149	337	733	192.8	96.0	24.0	58.7	14.2
1985	259	87	8	133	1 180	27	143	341	761	196.2	95.6	25.4	60.9	14.2
1986	239	80	7	115	1 163	29	144	341	785	187.4	87.1	24.2	62.7	13.4
1987 <sup>1</sup>	243	95	6	127	1 186	27	124	353	812	196.8	92.1	25.2	65.5	14.0
1987 April <sup>*</sup>	261	101	7	141	871	31	140	379	896	206.6	98.8	21.2	72.3	14.4
May	206	81	4	110	683	24	101	326	695	162.9	78.3	16.6	56.6	11.4
June	202	80	3	105	902	26	110	344	708	168.9	77.5	19.6	60.0	11.7
July <sup>*</sup>	237	98	5	134	1 420	28	131	430	864	208.7	91.6	30.5	71.7	14.9
August	211	86	4	129	1 304	21	112	342	717	180.6	81.1	27.2	59.3	13.0
September	226	91	6	133	1 504	26	120	331	731	191.0	87.2	29.4	60.6	13.9
October	302	120	7	158	1 803	31	141	428	946	245.1	115.2	36.4	75.7	17.9
November	249	97	4	127	1 224	27	121	335	807	195.9	93.4	24.9	63.6	14.0
December <sup>*</sup>	263	88	4	143	1 338	26	122	360	957	208.5	95.4	27.8	70.4	14.9
1988 January <sup>*</sup>	256	95	4	103	1 553	36	133	380	974	222.7	96.4	31.2	79.5	15.6
February	193	64	3	81	1 215	30	104	314	781	170.2	70.6	24.8	62.9	11.9
March	188	62	3	89	1 034	30	103	308	754	162.0	69.2	21.9	60.3	10.6
April	219	72	3	123	963	36	161	337	929	189.6	80.3	21.8	74.7	12.8
May	175	56	2	102	861	30	106	323	742	153.7	68.8	19.4	60.0	10.5
June	164	55	2	97	1 110	33	116	344	719	61.0	23.7	60.4	10.8	

Note: The 5 week periods indicated above also apply to all editions between July 1982 and August 1986.

1. Indicates a 53 week year.

Source: Ministry of Agriculture, Fisheries and Food

## 6.9

## Production of bacon, ham and canned meat and meat stocks in cold storage

	Monthly averages or totals for four or five week periods				Stocks: end of period				Thousands tonnes			
	Bacon and ham <sup>1</sup>		Canned Meat		Meat stocks in cold storage <sup>2</sup>							
	Production	Disposals (including for canning)	Production	Total	Beef and veal	Mutton and lamb	Pork	Offal				
	Wiltshire style	Other bacon										
1983	11.2	6.5	39.0	7.6	109.0	43.0	47.6	6.6	11.8			
1984	9.9	7.5	40.0	8.1	130.8	83.8	32.7	6.0	8.3			
1985	9.5	7.4	38.9	8.1	181.5	121.0	43.9	5.4	11.2			
1986	9.7	7.5	38.7	7.1 <sup>3</sup>	144.0	95.5	29.2	7.1	12.2			
1987	9.0 <sup>3</sup>	7.6 <sup>3</sup>	38.2 <sup>3</sup>	8.4 <sup>3</sup>	132.5	84.3	26.6	7.1	12.5			
1987 April <sup>*</sup>	10.1 <sup>3</sup>	8.3 <sup>3</sup>	40.6 <sup>3</sup>		129.6	80.8	30.4	6.6	11.8			
May	7.7 <sup>3</sup>	7.6 <sup>3</sup>	35.9 <sup>3</sup>	8.0 <sup>3</sup>	119.0	77.7	24.5	6.2	10.6			
June	7.5 <sup>3</sup>	7.4 <sup>3</sup>	34.9 <sup>3</sup>		119.8	78.6	23.3	6.4	11.5			
July <sup>*</sup>	9.6	9.4	41.2		119.8	78.4	24.0	6.7	10.7			
August	7.6	7.4	35.5	8.1 <sup>3</sup>	124.0	76.4	27.2	7.8	12.6			
September	7.6	7.2	36.6		137.3	85.6	30.9	7.8	13.0			
October <sup>*</sup>	11.2 <sup>3</sup>	8.8 <sup>3</sup>	43.3		158.4	99.8	34.6	9.8	14.2			
November <sup>*</sup>	9.3 <sup>3</sup>	7.0 <sup>3</sup>	39.2 <sup>3</sup>	9.3 <sup>3</sup>	147.0	94.2	29.3	9.0	14.5			
December <sup>*</sup>	11.7 <sup>3</sup>	8.1 <sup>3</sup>	42.7		136.3	90.0	24.1	8.3	13.9			
1988 January <sup>*</sup>	10.0 <sup>3</sup>	7.2 <sup>3</sup>	39.4 <sup>3</sup>	10.0 <sup>3</sup>	134.1	89.2	23.4	8.6	12.9			
February	8.5 <sup>3</sup>	6.5 <sup>3</sup>	34.8 <sup>3</sup>		135.3	89.1	23.7	10.2	12.3			
March	8.4	6.8	36.1		130.9	85.9	22.1	11.2	11.7			
April <sup>*</sup>	10.2 <sup>3</sup>	8.0 <sup>3</sup>	35.9 <sup>3</sup>		118.0	77.9	18.5	11.0	10.6			
May	8.3 <sup>3</sup>	6.8 <sup>3</sup>	36.4 <sup>3</sup>		121.1	81.3	18.4	11.6	10.8			
June	8.4 <sup>3</sup>	7.0 <sup>3</sup>				74.3	17.1	12.1	9.4			
July <sup>*</sup>	10.4 <sup>3</sup>	8.8 <sup>3</sup>										

1. All asterisks (\*) apply only to bacon and ham figures.

2. Prior to July 1983 stocks were of imported meats.

Sources: Ministry of Agriculture, Fisheries and Food  
Business Statistics Office

## 6.10 Fish, oils and fats

Monthly averages, calendar months or totals for four or five week periods. Stocks: end of period

Thousand tonnes

UK landings	Fresh, frozen and cured fish			Oilseeds and nuts			Vegetable oil		Marine oil		Margarine	Solid cooking fat	Other <sup>5</sup> table spreads
	Disposals	Crushed		Crude oil produced	Stocks	Crude oil equivalent			Production				
		Total (landed weight)	For food in the United Kingdom			Landed weight	Filleted weight	Disposals	Stocks <sup>1</sup>	Usage <sup>2</sup>	Stocks <sup>3</sup>		
1981 <sup>4</sup>	57.5	83.9	62.5	26.0	143.7	37.4	22.5	73.6	63.8	18.0	40.4	33.2	12.7
1982	59.8	88.6	58.4	23.8	142.2	35.9	27.4	78.5	79.0	17.0	53.4	33.3	13.1
1983	56.2	83.0	51.4	20.1	118.4	33.1	28.5	82.5	63.9	15.2	43.9	32.3	12.8
1984	54.2	82.0	58.8	23.4	111.8	31.9	23.2	77.8	62.8	16.7	51.0	31.9	9.6
1985	57.1	95.5	59.3	24.7	106.7	35.4	37.2	86.0	71.5	16.3	42.3	31.5	9.0
1986	51.9	51.9	59.3	24.7	106.1	35.9	38.5	99.6	74.5	14.9	22.4	32.0	8.7
1987					127.2	46.7	34.6						6.3
1985 January	56.1				116.4	38.2	22.8	90.8	57.8	17.6	49.9	32.0	10.1
February	41.9	45.0	39.7	16.5	{ 111.0	37.4	18.8	68.7	67.1	15.0	49.8	28.3	8.2
March	37.0				124.2	39.2	16.7	101.1	58.2	17.0	38.3	34.3	8.7
April	28.3				120.1	40.3	16.3	79.6	62.9	17.6	48.3	35.0	9.8
May	43.2	37.7	56.5	23.6	{ 96.1	30.8	15.3	82.7	71.8	15.3	42.1	28.0	8.6
June	41.6				75.0	23.3	9.9	85.2	73.2	17.2	37.1	32.0	9.4
July	53.6				53.4	16.7	5.2	90.8	51.0	16.9	37.0	31.7	10.9
August	72.1	63.5	75.9	31.6	{ 68.0	26.0	15.3	77.9	56.1	13.3	33.7	25.4	7.1
September	64.6				98.7	34.0	25.8	82.1	53.4	17.5	33.2	32.5	8.6
October	68.2				121.4	42.0	29.9	93.3	63.4	19.8	39.0	36.9	11.0
November	90.4	82.4	65.2	27.2	{ 120.4	42.3	33.6	93.9	67.4	14.4	40.5	30.0	8.4
December	68.4				108.0	37.2	37.2	85.6	71.5	14.3	42.3	31.5	7.0
1986 January	41.9				120.3	41.5	33.0	85.4	72.7	14.2	44.1	28.7	8.7
February	44.6	102.4	32.4	13.5	{ 122.4	40.6	29.3	85.1	80.5	14.1	39.4	29.8	7.7
March	43.6				109.4	36.3	30.1	93.4	86.1	15.4	29.2	32.1	8.1
April	36.1				132.7	45.7	25.7	118.6	83.5	17.0	23.7	35.1	10.7
May	34.3	111.3	71.9	29.9	{ 93.7	31.3	25.3	93.5	79.9	13.9	22.4	29.1	8.1
June	40.0				79.5	25.4	21.8	94.2	79.4	14.6	22.4	30.3	8.1
July	52.8				58.6	17.4	17.1	97.6	72.1	14.5	19.5	32.7	9.6
August	67.1	127.9	79.0	32.9	{ 60.5	22.0	23.1	75.0	71.2	10.8	16.2	25.4	5.4
September	60.4				109.4	38.7	23.5	108.0	66.4	16.0	17.8	33.3	8.9
October	90.1				137.6	47.3	36.0	108.1	64.6	18.0	44.1	41.1	8.0
November	66.7	136.4	53.8	22.4	{ 133.4	44.1	32.3	108.9	68.9	15.6	51.2	34.5	9.5
December	44.8				114.9	40.9	38.5	127.0	74.5	14.2	22.4	32.0	7.8
1987 January	61.4				108.0	45.5	38.7	129.4	90.5	16.4	18.2	34.7	4.8
February	41.0	116.4	37.5	19.5	{ 96.6	40.5	47.2	122.9	96.1	14.1	19.3	30.6	9.4
March	27.5				98.2	41.0	43.2	122.7	92.1	13.2	19.0	30.4	6.9
April	35.1				127.6	51.8	27.3	123.9	84.1	15.4	19.4	32.6	9.2
May	35.2	102.2	53.5	22.3	{ 108.7	40.4	30.2	121.9	89.8	13.4	18.5	30.0	5.6
June	41.6				130.2	43.7	47.2	135.1	74.1	12.9	16.5	32.5	8.3
July	52.2				68.9	23.5	22.1	92.8	73.8	15.2	17.9	36.2	9.5
August	86.2	117.3	87.6	36.5	{ 149.0	49.3	25.7	98.5	85.6	11.3	15.2	25.3	4.7
September	52.7				156.9	56.1	30.9	116.9	85.5	13.4	15.5	32.8	7.7
October	90.4				190.7	67.6	31.5	132.8	91.7	17.3	14.3	41.2	11.7
November	93.2	144.7	52.8	22.0	{ 155.1	55.4	34.9	112.9	93.2	13.7	16.9	35.4	9.9
December	44.2				136.1	46.1	36.2	102.1	95.0	11.0	15.9	29.2	6.5
1988 January	73.4				183.2	65.3	32.3	133.7	101.9	12.2	17.8	34.4	9.9
February	43.5	123.0	56.4	23.5	{ 171.6	57.8	29.4	124.0	99.1	9.0	18.5	30.7	7.5
March	32.8				159.9	54.7	30.4	137.3	97.5	10.8	15.8	31.9	8.3
April	36.7				174.9	62.2	28.6	133.0	99.4	11.6	16.8	36.9	9.5
May	51.6				165.5	57.7	37.4					29.2	8.0
June					162.8	55.4	33.9						8.7

1. Comprising stocks of crude and refined oils held by seed crushers, oil refiners and manufacturers of margarine, solid cooking fat and other table spreads.

Source: Ministry of Agriculture, Fisheries and Food

2. For the manufacture of margarine, solid cooking fat and other table spreads only.

3. Including quantities held by seed crushers, hardeners, and refiners of oil, and manufacturers of margarine, solid cooking fat and other table spreads.

4. 53-week period (except for fresh, frozen and cured fish).

5. Figures obtained from January 1986 only.

# 6.11 Milk, milk products and eggs

Monthly averages or calendar months Stocks: end of period

	Million litres			Thousand tonnes				
	Total milk disposals <sup>1</sup>	Liquid milk	Milk for manufacture	Butter		Cheese		
				Production <sup>2 3</sup>	Stocks <sup>4 9</sup>	Production <sup>2</sup>	Stocks <sup>5</sup>	
1983	1 370	583	787	20.0	149.2	20.4	112.9	
1984	1 287	581	706	17.1	205.2	20.5	105.6	
1985	1 272	576	696	16.8	221.7	21.3	115.2	
1986	1 288	572	716	18.5	256.9	21.4	123.5	
1987	1 219	569	650	14.5	157.9	21.9	112.6	
1986	August	1 105	563	542	11.9	276.3	19.3	128.9
	September	1 088	568	520	10.4	268.8	19.8	131.0
	October	1 200	587	613	14.2	281.2	21.6	129.1
	November	1 196	574	622	14.8	260.1	20.0	126.4
	December	1 302	576	726	17.8	256.9	20.7	123.5
1987	January	1 334	572	762	19.8	257.1	22.7	127.6
	February	1 228	529	699	18.2	247.6	20.4	125.3
	March	1 359	583	766	19.8	242.3	22.7	121.4
	April	1 360	560	800	19.9	239.8	24.9	124.5
	May	1 527	573	954	25.5	238.3	28.0	129.8
	June	1 308	559	749	16.8	234.0	25.1	135.7
	July	1 168	573	595	10.2	225.7	23.4	138.0
	August	1 043	562	481	8.4	223.7	18.9	134.1
	September	988	567	421	7.0	214.1	15.6	126.7
	October	1 055	586	469	8.3	195.5	19.3	122.3
	November	1 067	572	495	9.0	175.0	20.0	117.0
	December	1 193	581	612	11.3	157.9	22.3	112.6
1988	January	1 263	561	702	15.5	149.6	25.9	115.2
	February	1 198	549	649	13.4	146.4	24.5	118.9
	March	1 298	592	686	14.2	138.8	27.0	124.3
	April	1 303	568	735	15.2	126.7	29.1	130.0
	May	1 423	575	848	17.8	130.0	32.7	137.0
Thousand tonnes								
Condensed and evaporated milk <sup>6</sup>			Milk powder				Eggs in shell (million dozen)	
Production		Stocks <sup>7</sup>	Full-cream		Skimmed <sup>8</sup>		Disposals	
1983	9.2	12.5	2.9	3.0	25.2	20.0	88.8	
1984	8.6	16.2	4.4	4.3	18.5	14.9	88.2	
1985	8.6	6.1	5.1	3.3	20.1	22.6	88.4	
1986	7.8	5.0	4.7	2.2	22.3	18.7	87.4	
1987	8.1	5.9	7.8	4.5	16.1	18.4	88.3	
1987	January	7.0	6.3	9.3	5.5	23.0	21.5	88.6
	February	6.3	6.4	10.3	3.5	20.8	25.1	
	March	7.4	6.8	9.9	4.0	21.8	20.3	
	April	9.2	4.9	8.9	2.9	24.2	26.7	
	May	9.8	6.3	4.4	3.2	35.2	45.5	
	June	9.6	6.9	6.6	4.1	20.3	37.2	
	July	9.9	8.2	7.7	4.1	9.5	29.2	88.9
	August	6.6	7.6	6.2	4.3	5.5	20.2	
	September	6.5	7.9	7.1	5.2	4.4	14.5	
	October	9.0	6.5	8.8	4.2	6.1	11.6	
	November	8.3	5.6	8.6	3.9	7.5	11.0	
	December	8.0	5.9	5.8	4.5	15.4	18.4	87.6
1988	January	8.2	5.5	11.4	4.8	17.5	22.0	90.4
	February	7.4	7.0	11.2	6.5	12.9	19.7	
	March	8.6	5.2	9.1	4.8	15.3	14.6	
	April	8.8	5.7	9.2	4.0	15.1	20.5	
	May	9.6	7.5	8.1	3.8	22.0	29.8	

1. Sales through the Milk Marketing Schemes. 2. Figures are based on milk usage.

3. Excluding farm production. 4. Public cold store stocks. 5. Importers', manufacturers' and factors' stocks.

6. Whole and skimmed. Excluding skim concentrates and condensed milk used in the manufacture

of chocolate crumb. 7. Manufacturers' stocks only. 8. Excluding buttermilk and whey powder.

9. The coverage of the cold store survey was improved from July 1983.

Source: Ministry of Agriculture,

Fisheries and Food

## Food and drink

### 6.12 Canned fruit, vegetables and soups, cocoa, chocolate, tea, coffee and soft drinks

Monthly averages, calendar months or totals for four week period      Stocks: end of period

	Thousand tonnes											Million litres					
	Canned and bottled fruit		Canned vegetables		Soups <sup>1</sup>		Cocoa beans		Chocolate and sugar confectionery		Tea		Raw coffee		Soft drinks		
	Production	Stocks <sup>2</sup>	Production	Stocks <sup>2</sup>	Production	Stocks <sup>2</sup>	Production	Stocks <sup>2</sup>	Disposals	Stocks <sup>2</sup>	Disposals <sup>4</sup>	Stocks	Disposals	Stocks	Sales	Concentrated	Unconcentrated
1982	3.2	8.5	62.4	123.5	23.5	7.3	63.5	86.8	67.8	14.5	67.4	7.6	7.6	43.5	204.8		
1983	3.5	15.6	66.5	184.4	22.5	6.4	63.9	67.0	70.6	14.0	54.6	8.1	5.2	47.5	220.1		
1984	3.5	17.1	64.3	168.7	22.4	7.5	66.8	70.4	73.7	14.8	61.7	8.9	10.5	50.1	224.1		
1985	3.3	14.6	65.5	172.7	24.7	7.6	68.1	72.7	62.5	13.4	56.4	8.7	11.3	42.6	241.6		
1986	2.9	12.7	65.1	168.5	23.4 <sup>6</sup>	7.3	67.5	70.8	64.5	13.4 <sup>6</sup>	66.3	8.8 <sup>6</sup>	8.2	45.3 <sup>6</sup>	284.7 <sup>6</sup>		
1987								70.0	73.6	63.1							
January																	
February		2.4	11.1	60.3	185.1	23.7 <sup>6</sup>	8.2 <sup>6</sup>	70.1 <sup>6</sup>	64.7 <sup>6</sup>	72.6 <sup>6</sup>							
March								69.4 <sup>6</sup>	69.1 <sup>6</sup>	75.5 <sup>6</sup>	12.5 <sup>6</sup>	68.8	9.2 <sup>6</sup>	7.2	35.1 <sup>6</sup>	221.2 <sup>6</sup>	
April								68.8 <sup>6</sup>	69.0 <sup>6</sup>	77.6 <sup>6</sup>							
May								73.8 <sup>6</sup>	75.1 <sup>6</sup>	79.3 <sup>6</sup>							
June								55.1 <sup>6</sup>	55.8 <sup>6</sup>	79.9 <sup>6</sup>	14.1 <sup>6</sup>	63.6	9.8	7.2	48.0 <sup>6</sup>	360.1 <sup>6</sup>	
July								57.9 <sup>6</sup>	56.1 <sup>6</sup>	84.4 <sup>6</sup>							
August																	
September		5.3	19.3	58.3	162.3	20.0 <sup>6</sup>	7.5 <sup>6</sup>	86.9 <sup>6</sup>	72.2 <sup>6</sup>	82.8 <sup>6</sup>							
October								62.7 <sup>6</sup>	65.3 <sup>6</sup>	83.3 <sup>6</sup>	12.4 <sup>6</sup>	57.6	8.7 <sup>6</sup>	10.3	55.8 <sup>6</sup>	313.6 <sup>6</sup>	
November								73.1 <sup>6</sup>	80.8 <sup>6</sup>	80.3 <sup>6</sup>							
December								94.0 <sup>6</sup>	111.2 <sup>6</sup>	69.6 <sup>6</sup>							
1988 January		2.0	11.0	55.1	126.9	..	..	68.0 <sup>6</sup>	72.6 <sup>6</sup>	71.5 <sup>6</sup>							
Feb																	
March																	

1. Canned and powdered soups. 3. Quantity of beans ground.

2. Manufacturers' stocks only. 4. Excluding exports.

Sources: Ministry of Agriculture, Fisheries and Food  
Business Statistics Office

### 6.13 Tobacco products

Monthly averages or calendar months

	Thousand million			Million kilogrammes							
	Released for home consumption										
	Cigarettes		Total	Home-produced			Imported				
	Total	Home-produced	Imported	Total		Cigars	Other tobacco products	Total	Cigars	Other <sup>1</sup>	Other tobacco products <sup>1</sup>
							Hand-rolling				
1981	9.16	9.1	0.13	1.06	1.00	0.19	0.51	0.30	0.059	0.055	0.004
1982	8.54	8.4	0.16	1.02	0.98	0.19	0.52	0.27	0.039	0.034	0.004
1983	8.55	8.4	0.16	0.98	0.96	0.20	0.49	0.26	0.020	0.018	0.002
1984	8.33	7.8	0.55	0.92	0.90	0.20	0.45	0.26	0.016	0.014	0.002
1985 <sup>6</sup>	8.19	7.4	0.77	0.88	0.86	0.19	0.42	0.24	0.018	0.014	0.004
1986 <sup>6</sup>	7.90	7.0	0.94	0.84	0.82	0.19	0.40	0.23	0.021	0.016	0.005
1987 July <sup>6</sup>	7.3	6.7	0.59	0.93	0.91	0.24	0.45	0.22	0.024	0.016	0.008
August <sup>6</sup>	7.1	6.3	0.75	0.75	0.74	0.21	0.39	0.19	0.016	0.009	0.007
September <sup>6</sup>	12.7	11.8	0.87	0.90	0.89	0.15	0.47	0.27	0.019	0.013	0.006
October <sup>6</sup>	5.5	4.7	0.83	0.97	0.93	0.46	0.32	0.16	0.035	0.024	0.011
November <sup>6</sup>	8.0	7.2	0.72	0.84	0.81	0.16	0.40	0.25	0.032	0.026	0.007
December <sup>6</sup>	12.8	11.7	1.13	0.88	0.85	0.14	0.48	0.23	0.024	0.017	0.006
1988 January <sup>6</sup>	4.6	4.5	0.16	0.49	0.11	0.24	0.24	0.15			
February <sup>6</sup>	9.3	8.7	0.65	0.88	0.20	0.47	0.21	0.21			
March <sup>6</sup>	12.9	11.3	1.58	1.00	0.18	0.59	0.26	0.23			
April <sup>6</sup>	3.3	3.2	0.10	0.46	0.16	0.15	0.15	0.18			
May <sup>6</sup>	4.6	4.3	0.17	0.76	0.20	0.33	0.20	0.23			
June <sup>6</sup>	6.7	6.5	0.16	0.83	0.22	0.38	0.22	0.22			
July <sup>6</sup>	6.8	6.6	0.24	0.76	0.20	0.38	0.18	0.18			
August <sup>6</sup>				0.77	0.21	0.37	0.19				

1. Excluding snuff.

Source: HM Customs and Excise

## 6.14

## Alcoholic drinks

Monthly averages or calendar months

	Thousand hectolitres										Thousand hectolitres of alcohol		
	Released for home consumption												
	Beer <sup>1</sup>			Wine of fresh grapes				Mode-wine		Cider and perry	Spirits		
	Production	Total	Home produced	Imported	Still	Not exceeding 15 per cent <sup>2</sup>	15 per cent or more <sup>2</sup>	Total sparkling	Total		Home produced whisky <sup>3</sup>	Other <sup>4</sup>	Production <sup>5</sup>
1980	5 403	5 458	5 266	192	215.1	104.8	15.3	335.2	42.9	187.9	41.8	41.2	392.1
1981	5 143	5 193	5 002	191	245.1	99.2	16.3	360.7	44.9	200.7	39.8	39.0	256.1
1982	4 982	5 117	4 929	188	261.0	89.5	16.1	366.6	42.4	241.6	37.3	37.0	237.0
1983	5 027	5 186	4 966	220	292.7	90.0	18.2	400.8	45.8	271.5	37.1	39.3	226.6
1984	5 009	5 173	4 937	237	346.0	85.2	18.6	449.8	41.0	271.6	36.2	39.9	235.3
1985	4 971	5 126	4 869	256	377.1	71.8	21.5	470.3	44.8	264.5	38.4	42.7	244.9
1986 <sup>6</sup>	4 953	5 101	4 826	275	421.8	46.6	23.4	491.8	44.0	269.4	38.0	42.6	247.0
1985 January	4 563	4 228	4 024	203	226.1	42.7	13.1	281.9	34.5	141.2	17.1	22.2	
February	4 245	4 694	4 480	214	285.9	58.6	13.5	357.9	51.4	200.6	33.4	33.7	802.2
March	4 841	4 461	4 187	274	404.6	102.7	24.4	531.7	103.7	235.0	90.7	83.2	
April	4 644	4 958	4 763	195	299.8	24.7	14.3	338.7	7.4	242.9	7.6	15.5	
May	5 290	4 791	4 551	240	340.8	25.0	17.6	383.5	13.5	242.6	16.8	18.1	767.3
June	5 166	5 462	5 206	256	357.0	27.4	19.9	404.3	14.8	343.0	21.7	24.1	
July	5 635	5 362	5 047	315	415.9	46.6	22.3	484.8	23.7	309.4	25.7	34.3	
August	5 298	5 779	5 479	300	339.6	48.7	17.8	406.0	31.9	313.2	29.6	34.2	539.1
September	4 690	5 388	5 160	228	317.6	68.3	18.3	404.2	84.6	251.3	32.2	36.6	
October	5 538	4 914	4 634	279	504.8	138.6	29.5	672.9	60.6	301.5	56.3	64.9	
November	5 530	5 738	5 390	348	606.9	169.4	35.7	812.0	71.2	330.7	76.2	91.1	830.7
December	4 216	5 732	5 508	224	426.2	108.9	31.0	566.0	40.7	262.7	51.6	54.5	
1986 January	4 279	4 337	4 093	244	219.3	29.0	14.2	262.5	44.4	173.2	12.3	19.6	
February	4 365	4 426	4 196	230	247.4	41.6	12.7	301.7	49.5	157.2	35.7	30.4	797.0
March	4 549	4 525	4 265	261	411.4	84.5	23.0	518.9	58.7	268.8	91.1	84.0	
April	4 979	4 684	4 469	215	330.3	20.6	15.4	366.4	16.6	189.9	7.6	11.5	
May	5 129	5 152	4 889	263	366.9	21.1	18.6	406.6	25.8	239.6	14.4	17.7	801.4
June	5 310	5 336	5 028	305	422.8	22.6	22.9	468.2	31.1	337.9	22.3	27.2	
July	5 887	5 464	5 151	313	446.3	26.3	27.0	499.6	32.6	323.9	24.3	32.8	
August	4 894	6 069	5 781	289	389.7	27.7	20.4	437.8	28.6	306.5	28.1	34.3	512.9
September	4 952	5 066	4 791	275	418.5	37.9	22.3	478.7	40.3	319.8	34.5	41.3	
October	5 328	5 096	4 817	280	613.5	94.2	32.3	740.0	104.8	290.9	53.8	71.1	854.6 <sup>6</sup>
November	5 280	5 547	5 239	308	616.0	84.1	34.8	734.9	32.9	330.2	77.9	86.7	
December	4 484	5 514	5 192	322	579.4	69.6	37.3	686.3	62.9	294.7	54.2	58.2	
1987 January	3 835	4 638	4 425	213	233.6	16.2	14.1	264.0	51.9	138.2	11.7	19.5	
February	4 379	3 969	3 745	224	321.8	31.6	16.6	370.0	53.0	223.3	32.5	34.8	791.8
March	4 847	4 581	4 297	284	411.9	46.7	22.2	480.8	59.6	220.0	52.1	61.1	
April	4 774	5 031	4 810	221	360.4	19.8	17.7	397.9	17.3	247.2	14.0	18.7 <sup>6</sup>	
May	5 380	5 010	4 741	269	402.4	21.8	22.4	446.6	13.5	273.2	21.5	24.5 <sup>6</sup>	877.3 <sup>6</sup>
June	5 383	5 662	5 353	309	441.1	26.4	26.4	493.9	43.2	285.9	30.6	33.9 <sup>6</sup>	
July	5 690	5 696	5 357	339	478.2	29.5	29.5	538.1	41.7	318.5	32.3 <sup>6</sup>	40.3 <sup>6</sup>	
August	4 804	5 629	5 346	282	392.8	24.5	21.5	438.7	38.9	286.1	29.0 <sup>6</sup>	37.5 <sup>6</sup>	495.4 <sup>6</sup>
September	5 413	4 676	4 374	302	441.9	38.8	24.0	504.7	39.2	268.2	35.2 <sup>6</sup>	41.0 <sup>6</sup>	
October	5 315	5 712	5 394	318	629.2	73.8	35.9	739.0	63.8	308.8	53.6 <sup>6</sup>	65.8 <sup>6</sup>	
November	5 409	5 664	5 286	376	784.4	91.4	43.9	919.7	82.3	340.6 <sup>6</sup>	80.6 <sup>6</sup>	94.0 <sup>6</sup>	971.1 <sup>6</sup>
December	4 668	5 706 <sup>6</sup>	5 390 <sup>6</sup>	315 <sup>6</sup>	576.3 <sup>6</sup>	67.6 <sup>6</sup>	41.2 <sup>6</sup>	685.1 <sup>6</sup>	57.0 <sup>6</sup>	534 <sup>6</sup>	53.4 <sup>6</sup>	65.6 <sup>6</sup>	
1988 January	4 052				139.1	12.6	11.6	163.3	27.1		13.3	22.6	
February	4 713				259.1	22.6	14.7	296.4	80.0		31.4	44.1	806.1 <sup>6</sup>
March	5 283				256.9	37.7	15.3	309.9	60.9		49.7	53.9	
April	4 716												
May	5 006												
June	5 550												
July	5 113												

1. The figures relating to both home production and releases for home consumption take account of brewing at high gravity with the addition of some brewing liquor after fermentation.

Source: H. M. Customs and Excise

2. Percentage alcohol by volume.

3. Before April 1983, the figures represent quantities of all mature home-produced spirits.

4. Includes imported spirits.

5. A small quantity of molasses spirit is used in beverage spirit production. See explanatory notes to Section 9 in the *Supplement of Definitions and Explanatory Notes* for this publication.

6. For the period April 1984 to July 1985 the middle band included wine of a strength of exactly 15 per cent.

# 7 Production, output and costs

## 7.1 Output of the production industries (revised definition) Summary

Average 1985=100

	Total production industries	Energy and water supply	Manufacturing industries <sup>1</sup>								
			Total manufacturing industries	Metals	Other minerals and mineral <sup>2</sup> products	Chemicals and man-made fibres	Engineering and allied industries	Food, drink and tobacco	Textiles, footwear, clothing and leather	Other manufacturing	
Class <sup>3</sup>	DIV 1-4	DIV 1	DIV 2-4	21-22	23-24	25-26	31-37	41-42	43-45	46-49	
Weights	1000	309	697	26	35	71	295	91	47	126	
	DVIM	DVIN	DVIS	DVIT	DVIU	DVIV	DVIY	DVJE	DVJH	DVJK	
1981	89.6	86.4	91.0	95.1	91.6	84.9	89.4	97.4	90.7	92.9	
1982	91.3	91.6	91.2	92.5	93.5	85.0	90.5	98.9	89.3	90.6	
1983	94.7	96.8	93.8	93.9	96.6	91.5	92.4	100.0	92.6	93.5	
1984	94.9	88.8	97.7	93.6	100.3	96.9	96.9	100.8	96.0	98.5	
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
1986	102.3	105.4	100.9	100.1	101.3	101.9	99.2	100.8	100.8	104.4	
1987	106.2	105.0	106.8	108.1	106.6	108.8	104.2	103.4	103.2	115.3	
<b>Seasonally adjusted</b>											
1983 1st quarter	93.0	93.8	92.6	88.2	96.2	89.0	91.9	99.3	90.7	92.2	
2nd quarter	94.0	96.2	93.0	95.0	93.9	91.0	91.5	99.3	91.0	92.9	
3rd quarter	95.3	98.3	94.0	95.5	97.9	92.5	91.9	101.8	92.6	93.4	
4th quarter	96.5	98.8	95.5	97.0	98.2	93.5	94.3	99.6	96.1	95.4	
1984 1st quarter	97.2	97.4	97.1	98.5	100.2	95.4	96.0	100.8	95.0	97.7	
2nd quarter	94.3	87.4	97.3	91.6	100.4	95.3	96.0	102.7	95.4	98.9	
3rd quarter	93.5	83.0	98.2	93.5	101.5	97.7	98.0	100.7	96.1	98.2	
4th quarter	94.8	87.3	98.1	91.0	99.4	99.0	97.7	99.2	97.3	99.1	
1985 1st quarter	87.8	92.0	100.5	94.9	99.2	101.4	101.3	101.3	98.2	99.4	
2nd quarter	101.3	102.1	101.0	103.2	100.2	100.9	102.2	99.9	100.2	99.0	
3rd quarter	100.9	102.8	100.1	102.2	98.8	100.0	99.7	99.9	100.5	100.8	
4th quarter	99.9	103.1	98.5	99.7	100.8	97.7	96.6	98.9	101.1	100.7	
1986 1st quarter	101.4	106.4	89.1	97.3	98.1	99.5	98.3	99.1	99.7	101.2	
2nd quarter	101.5	104.8	100.0	99.5	101.2	101.6	97.9	100.3	101.6	103.0	
3rd quarter	103.0	107.8	100.8	99.2	101.8	102.1	98.6	101.1	100.4	105.3	
4th quarter	103.3	102.5	103.7	104.2	103.9	104.5	102.1	102.8	101.6	107.9	
1987 1st quarter	103.8	106.1	102.7	102.8	101.9	105.6	99.6	101.9	101.4	109.8	
February	105.3	103.1	106.2	108.3	106.2	106.9	103.6	103.6	104.0	113.9	
March	104.1	106.5	103.1	103	106	105	100	102	102	110	
April	105.4	103.8	106.1	104	105	108	104	102	104	115	
May	106.1	105.4	106.4	110	107	107	104	105	104	114	
June	104.3	100.2	106.2	111	107	106	104	103	104	115	
July	107.1	105.4	107.9	112	108	111	104	103	105	118	
August	108.8	106.8	109.7	111	110	111	108	104	106	118	
September	106.9	104.2	108.1	107	108	111	106	104	102	117	
October	108.5	105.4	109.8	113	110	111	108	104	104	119	
November	107.9	104.4	109.4	116	109	111	107	105	103	119	
December	108.4	106.0	109.6	105	110	113	108	104	102	119	
1988 January	109.4	103.7	111.9	128	120	111	108	103	106	124	
February	107.5	101.1	110.4	116	117	110	107	104	105	123	
March	108.8	102.9	111.4	110	117	111	110	103	102	123	
April	109.1	102.5	112.0	123	117	110	109	103	102	125	
May	109.5	101.8	112.9	118	118	112	109	104	104	129	
June	109.9	102.9	113.1	118	115	111	112	103	101	125	
July	110.3	97.9	115.9	126	121	113	115	104	104	129	

1. For an index of construction output for Great Britain see Table 12.1

2. Mainly building materials.

3. Industries are grouped according to the Standard Industrial Classification 1980.

Source: Central Statistical Office

## 7.1 Output of the production industries

### Detailed analysis

continued Average 1985=100

	Energy and water supply					Chemicals and man-made fibres		
	Coal and coke	Extraction of mineral oil and natural gas	Mineral oil processing	Other energy and water supply <sup>1</sup>	Metals	Other minerals and mineral products <sup>2</sup>	Chemicals	Man-made fibres
Class <sup>3</sup>	11-12	13	14	15-17	21-22	23-24	25	26
Weights	36	180	12	81	26	35	69	2
	DVIO	DVIP	DVIQ	DVIR	DVIT	DVIU	DVIW	DVIX
1981	136.2	73.0	94.5	94.3	95.1	91.6	84.3	109.4
1982	130.4	83.2	94.2	93.7	92.5	93.5	84.9	87.5
1983	125.3	91.1	96.7	96.9	93.9	96.6	91.2	100.6
1984	55.9	97.4	99.6	82.3	93.6	100.3	96.6	105.0
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	114.2	101.2	100.9	111.4	100.1	101.3	101.9	103.5
1987	110.8	98.6	102.2	117.1	108.1	106.6	108.8	110.0
<b>Seasonally adjusted<sup>4</sup></b>								
1983 1st quarter	128.1	86.8	98.4	93.5	88.2	96.2	88.8	93.4
2nd quarter	128.5	88.0	97.5	100.0	95.0	93.9	90.6	103.2
3rd quarter	127.1	93.7	96.9	96.2	95.5	97.9	92.2	104.1
4th quarter	117.3	95.9	93.9	97.9	97.0	98.2	93.2	101.7
1984 1st quarter	90.7	97.6	98.4	99.8	98.5	100.2	95.2	101.6
2nd quarter	41.1	96.4	99.9	85.7	91.6	100.4	95.0	104.7
3rd quarter	43.7	95.0	99.0	71.1	93.5	101.5	97.4	106.7
4th quarter	48.3	100.7	101.3	72.6	91.0	99.4	98.8	106.9
1985 1st quarter	60.6	101.7	101.6	82.6	94.9	99.2	101.6	97.6
2nd quarter	105.5	100.6	100.0	104.3	103.2	100.2	100.8	101.5
3rd quarter	116.7	97.4	100.2	109.2	102.2	99.8	99.9	103.2
4th quarter	117.2	100.3	98.2	104.0	99.7	100.8	97.7	97.7
1986 1st quarter	115.5	102.6	100.5	111.7	97.3	98.1	99.5	98.5
2nd quarter	114.5	100.2	103.0	111.3	99.5	101.2	101.5	103.8
3rd quarter	112.8	105.5	101.7	111.7	99.2	101.8	102.0	106.0
4th quarter	114.0	96.6	98.5	111.0	104.2	103.9	104.5	105.7
1987 1st quarter	111.9	100.5	96.8	117.5	102.8	101.9	105.4	110.6
2nd quarter	110.2	96.5	100.3	115.2	108.3	106.2	106.8	110.4
3rd quarter	110.9	99.6	103.8	116.3	109.9	109.0	111.1	108.9
4th quarter	110.1	97.8	107.9	119.3	111.5	109.5	111.7	110.3
1988 1st quarter	104.5	95.8	109.1	115.8	118.0	118.2	110.9	105.8
2nd quarter	110.9	95.1	108.1	114.1	119.9	116.5	111.3	104.3
1987 January	109	101	99	116	96	96	103	112
February	114	100	100	117	109	104	109	120
March	113	101	94	119	103	106	105	100
April	110	99	101	112	104	105	108	113
May	111	101	100	114	110	107	108	102
June	110	90	99	120	111	107	107	102
July	110	100	99	116	112	108	111	103
August	113	102	106	115	111	110	110	109
September	110	97	108	118	107	108	110	107
October	106	97	106	123	113	110	111	112
November	108	98	107	116	116	109	111	110
December	114	98	109	119	105	110	113	104
1988 January	116	95	108	116	128	120	112	106
February	95	96	105	114	116	117	110	103
March	103	96	115	117	110	117	112	104
April	108	96	105	114	123	117	111	98
May	112	95	109	111	118	118	113	105
June	112	94	113	117	118	115	113	104
July	115	83	112	121	126	121	114	108

1. Electricity and gas sent out, water supply and nuclear fuel production.

Source: Central Statistical Office

2. Mainly building materials.

3. Industries are grouped according to the Standard Industrial Classification 1980.

4. Unadjusted data may be obtained from the Central Statistical Office at the address shown inside the front cover of this publication.

Industrial production

**7.1 Output of the production industries**  
Detailed analysis (continued)

continued Average 1985=100

	Engineering and allied industries					Food, drink and tobacco		Textiles, clothing, leather		Other manufacturing	
	Metal goods	Mechanical engineering	Elect. and inst. engineering	Motor vehicles and parts	Other transport equipment	Food	Drink and tobacco	Textiles	Clothing footwear and leather	Paper printing and publishing	All other manufacturing <sup>1</sup>
Class <sup>2</sup>	31	32	33-34,37	35	36	411-423	424-429	43	44-45	47	46,48-49
Weights	37	85	98	38	37	66	25	22	25	71	55
	DVIZ	DVJA	DVJB	DVJC	DVJD	DVJF	DVJG	DVJI	DVJJ	DVJL	DVJM
1981	92.8	96.1	72.8	96.4	111.7	94.7	104.0	93.9	88.2	96.0	89.5
1982	93.3	97.5	76.2	93.1	108.8	98.0	101.4	91.6	87.4	92.6	88.3
1983	95.7	93.7	84.1	97.6	102.5	99.1	102.3	93.7	91.7	93.2	93.9
1984	104.3	96.0	94.3	95.8	99.8	100.1	102.7	96.2	95.7	98.1	99.0
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	99.3	96.5	100.4	97.8	103.8	101.6	98.9	100.3	101.3	103.8	105.1
1987	102.6	97.9	106.6	105.3	113.0	103.1	104.2	104.4	102.3	114.3	116.5
<b>Seasonally adjusted<sup>3</sup></b>											
1983 1st quarter	94.7	95.4	81.4	93.8	106.6	98.3	101.7	91.5	90.1	92.4	92.4
2nd quarter	93.9	91.5	83.8	96.6	104.3	99.1	99.8	91.4	90.7	92.3	93.8
3rd quarter	94.9	94.0	83.8	101.1	96.2	99.4	108.1	95.0	90.6	93.7	93.0
4th quarter	99.3	94.2	87.5	99.0	102.8	99.5	99.8	96.9	95.4	94.6	96.2
1984 1st quarter	104.7	96.5	89.8	101.3	97.1	100.5	101.5	96.0	94.2	97.1	98.9
2nd quarter	104.4	95.0	93.7	96.2	95.8	100.8	107.7	96.4	94.6	98.5	99.4
3rd quarter	105.2	96.8	95.9	97.0	100.4	100.4	101.4	95.6	96.5	97.5	98.8
4th quarter	102.8	95.8	98.0	88.5	106.1	98.8	100.3	96.9	97.7	99.2	99.1
1985 1st quarter	100.3	100.7	99.0	101.1	109.9	100.4	103.7	98.6	97.9	99.8	99.3
2nd quarter	101.3	103.3	103.0	100.5	100.3	100.0	99.6	100.0	100.3	98.8	99.1
3rd quarter	99.7	97.5	98.6	105.7	101.3	100.5	98.3	100.1	100.9	100.6	100.6
4th quarter	98.7	98.5	99.3	82.6	88.5	99.1	98.3	101.2	100.9	100.8	101.0
1986 1st quarter	96.3	98.7	98.7	96.9	100.1	99.8	97.3	99.7	99.7	101.1	101.4
2nd quarter	99.8	96.0	96.7	100.0	101.1	100.8	98.9	101.4	101.9	102.9	103.4
3rd quarter	100.0	94.5	100.6	95.6	104.5	101.8	99.1	99.4	101.3	103.7	106.8
4th quarter	100.8	96.9	105.7	98.6	109.6	103.8	100.1	100.7	102.3	107.4	108.9
1987 1st quarter	99.9	93.7	103.3	97.8	104.6	102.6	100.2	102.6	100.4	108.4	111.8
2nd quarter	101.1	97.9	104.9	102.2	117.1	103.4	104.2	103.9	104.1	113.5	115.5
3rd quarter	104.6	100.2	106.1	109.0	111.4	103.9	104.5	106.6	102.9	117.6	117.8
4th quarter	105.0	99.7	109.9	112.0	118.9	102.3	107.9	104.4	101.8	117.6	121.0
1988 1st quarter	107.3	103.1	111.0	106.4	115.0	104.3	102.8	104.8	103.9	121.8	125.5
2nd quarter	105.3	99.5	117.5	112.6	118.5	105.5	102.7	102.1	102.4	124.0	128.9
1987 January	98	92	101	94	106	101	101	103	101	108	111
February	99	97	106	97	106	104	99	103	100	110	113
March	102	92	104	101	105	102	100	104	100	109	111
April	102	98	106	101	117	103	101	105	103	113	116
May	100	99	105	101	117	104	108	105	104	113	114
June	101	98	104	105	117	103	104	104	105	113	116
July	104	100	105	107	111	104	103	105	105	118	118
August	106	103	111	109	111	106	102	109	104	118	118
September	104	100	108	112	111	103	109	105	100	118	117
October	106	104	107	110	119	103	104	105	104	117	121
November	105	99	109	106	118	103	109	104	101	117	121
December	103	97	114	112	118	101	110	104	100	117	121
1988 January	112	101	108	109	115	106	97	109	104	122	127
February	106	101	112	96	116	103	110	103	105	121	124
March	101	102	113	117	117	104	102	102	102	121	126
April	106	99	115	111	118	105	105	104	101	124	127
May	106	101	114	114	118	106	102	105	103	125	133
June	102	98	124	121	118	105	102	98	104	123	126
July	105	104	125	119	118	107	103	102	105	127	130

1. Including timber, furniture, rubber and plastics.

2. Industries are grouped according to the Standard Industrial Classification 1980.

3. See footnote 4 on page 45.

Source: Central Statistical Office

## 7.1 Output of the production industries

### Market sector analysis

continued Average 1985=100

Weights <sup>2</sup>	Consumer goods industries						Investment goods industries				Intermediate goods industries		
	Total	Cars, etc.	Other durables	Clothing and footwear, and etc.	Food, drink and tobacco <sup>1</sup>	Other	Total	Electrical	Transport	Other	Total	Fuels	Materials
	242	20	24	28	84	86	195	59	56	80	563	299	264
DVJP	DVJQ	DVJR	DVJS	DVJT	DVJU	DVJV	DVJW	DVJX	DVJY	DVJZ	DVK	DVK	
1981	93.3	97.9	89.3	89.1	97.5	90.7	90.2	70.2	103.3	96.2	87.5	85.9	89.1
1982	92.8	88.8	88.7	88.3	98.6	89.6	91.3	74.4	101.7	96.5	90.3	90.9	89.4
1983	95.7	101.3	92.0	91.7	99.7	92.9	91.8	82.7	99.0	93.5	95.2	96.7	93.6
1984	98.3	97.1	96.3	95.8	100.9	97.5	95.8	83.8	98.1	95.7	93.2	88.5	98.5
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	101.5	97.4	104.2	100.3	100.8	102.9	99.0	98.4	101.4	97.8	103.7	105.5	101.7
1987	106.7	104.9	109.7	100.5	103.6	111.3	103.9	103.9	110.2	99.4	106.8	105.1	108.8
<b>Seasonally adjusted<sup>3</sup></b>													
1983 1st quarter	94.3	96.9	90.0	90.4	98.5	92.0	92.2	80.5	100.4	95.0	92.7	93.8	91.5
2nd quarter	95.2	101.4	93.6	89.9	99.0	92.1	90.9	81.9	99.5	91.6	94.5	96.1	92.6
3rd quarter	96.7	105.8	91.4	91.1	101.7	92.9	90.8	82.5	95.9	93.4	96.3	98.2	94.3
4th quarter	96.8	100.9	92.8	95.2	99.6	94.6	93.4	86.0	100.4	94.0	97.5	98.8	96.0
1984 1st quarter	98.0	104.0	95.4	94.5	100.6	96.0	94.3	88.8	97.3	96.3	97.9	97.4	98.4
2nd quarter	99.0	97.6	96.0	95.6	103.1	97.2	94.4	92.9	95.3	94.8	92.2	87.0	98.2
3rd quarter	98.6	99.8	96.2	96.3	100.6	97.7	96.6	95.0	98.7	96.3	90.3	82.5	99.1
4th quarter	97.8	87.0	97.5	97.0	99.4	99.1	98.0	98.7	101.2	95.4	92.4	87.0	98.5
1985 1st quarter	100.4	103.2	99.4	97.8	101.2	100.0	101.2	97.3	106.3	100.7	95.5	91.7	99.9
2nd quarter	99.8	101.5	99.5	100.2	100.1	99.3	102.3	103.2	100.4	103.1	101.6	102.2	100.9
3rd quarter	100.7	104.3	99.6	100.5	100.0	100.8	99.6	99.4	102.7	97.6	101.5	102.9	99.8
4th quarter	99.1	91.1	101.5	101.5	98.7	99.9	96.8	100.2	90.6	98.7	101.3	103.2	99.3
1986 1st quarter	99.9	95.7	102.5	99.8	99.2	100.7	99.2	98.8	99.4	99.4	102.7	106.5	98.5
2nd quarter	101.1	97.1	103.6	101.1	100.1	102.4	97.4	94.2	101.3	97.2	103.1	105.0	100.9
3rd quarter	101.8	98.4	104.3	100.1	100.9	103.3	97.8	98.0	99.8	96.2	105.2	108.0	102.1
4th quarter	103.4	98.4	106.4	100.3	102.8	105.2	101.6	102.7	105.2	98.3	103.9	102.5	105.4
1987 1st quarter	103.0	97.0	104.3	99.3	101.9	106.3	99.1	100.5	101.9	96.0	105.7	106.2	105.2
2nd quarter	106.2	104.2	108.2	101.9	103.6	110.0	103.4	101.2	111.0	99.6	105.6	103.2	108.2
3rd quarter	108.4	108.5	112.0	101.1	104.4	113.7	105.4	105.6	110.7	101.5	108.1	105.6	110.8
4th quarter	109.2	109.7	114.3	99.5	104.6	115.2	107.9	108.5	117.4	100.6	108.0	105.4	111.0
1988 1st quarter	109.1	104.7	116.8	101.6	103.7	115.8	108.0	107.7	112.5	105.1	108.5	102.6	115.2
2nd quarter	110.8	114.1	122.0	99.6	104.7	116.5	110.5	117.3	115.9	101.6	108.6	102.4	115.5
1987 January	102.3	92	103	100	101	106	96.8	96	101	94	104.5	106	103
February	103.4	97	105	99	102	107	101.1	104	102	99	106.5	106	107
March	103.3	101	105	99	102	106	99.3	102	103	95	106.2	107	106
April	106.0	101	112	101	103	110	103.0	101	111	99	105.9	104	108
May	106.7	105	107	102	105	110	103.5	102	110	100	106.8	106	108
June	105.8	106	106	103	103	110	103.6	101	112	100	104.0	100	108
July	108.2	106	111	103	104	114	103.4	101	110	100	108.0	106	111
August	108.9	109	114	103	105	114	107.0	108	110	104	109.4	107	112
September	108.1	110	111	98	105	113	105.8	107	112	100	106.8	104	110
October	109.1	111	116	101	104	115	107.6	104	118	103	108.5	106	112
November	108.9	105	114	99	105	115	106.6	106	116	100	107.9	105	112
December	109.6	112	113	98	105	116	109.4	116	118	99	107.7	106	109
1988 January	109.4	108	118	103	103	116	106.1	102	112	105	110.5	104	118
February	108.5	96	115	103	104	115	108.0	112	108	105	107.0	101	114
March	109.5	111	117	99	104	116	110.0	109	117	106	108.1	103	114
April	108.6	107	118	97	105	116	109.5	116	115	101	108.7	103	116
May	112.1	112	132	102	105	117	108.4	109	115	103	108.7	102	117
June	110.7	123	116	100	104	117	113.5	127	117	101	108.4	103	114
July	113.4	121	121	102	105	121	115.9	124	117	109	107.0	98	118

1. This does not include processing organic oils and fats, animal by-product processing, milk powder, grain milling, starch and animal feeds, which are classified to intermediate goods industries-materials, nor pet foods, which are classified to consumer goods industries-other.

2. These sum to the total of 1 000 for the production industries.

3. See footnote 4 on page 45.

## Industrial production

### 7.1 Output of the production industries

#### Summary

continued

Average 1985=100

	Total production industries	Energy and water supply	Manufacturing industries <sup>1</sup>								
			Total manufacturing industries	Metals	Other minerals and mineral products <sup>2</sup>	Chemicals and man-made fibres	Engineering and allied industries	Food drink and tobacco	Textiles footwear clothing and leather	Other manufacturing	
Class <sup>3</sup>	DIV 1-4	DIV 1	DIV 2-4	21-22	23-24	25-26	31-37	41-42	43-45	46-49	
Weights	1000	309	691	26	35	71	295	91	47	126	
	DVIM	DVIN	DVIS	DVIT	DVIU	DVIV	DVIY	DVJE	DVJH	DVJK	
1981	89.6	86.4	91.0	95.1	91.6	84.9	89.4	97.4	90.7	92.9	
1982	91.3	91.6	91.2	92.5	93.5	85.0	90.5	98.9	89.3	90.6	
1983	94.7	96.8	93.8	93.9	96.6	91.5	92.4	100.0	92.6	93.5	
1984	94.9	88.8	97.7	93.6	100.3	96.9	96.9	100.8	96.0	98.5	
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
1986	102.3	105.4	100.9	100.1	101.3	101.9	99.2	100.8	100.8	104.4	
1987	106.2	105.0	106.8	108.1	106.6	108.8	104.2	103.4	103.2	115.3	
<b>Not seasonally adjusted<sup>4</sup></b>											
	DVLQ	DVLR	DVLW	DVLX	DVLY	DVLZ	DVMC	DVMI	DVML	DVMO	
1983 1st quarter	98.0	103.9	95.3	93.7	94.9	91.4	96.2	99.9	93.2	93.5	
2nd quarter	92.6	92.0	92.8	97.0	95.2	92.9	91.7	97.3	88.1	92.5	
3rd quarter	88.9	87.3	89.6	87.8	97.9	89.1	86.4	97.7	88.8	90.1	
4th quarter	99.4	103.9	87.3	97.1	98.2	92.5	95.3	105.1	100.4	98.0	
1984 1st quarter	102.4	107.6	100.1	104.3	98.6	98.2	101.1	101.3	97.4	98.7	
2nd quarter	92.6	82.8	97.0	93.6	101.6	97.3	95.9	100.0	92.3	98.2	
3rd quarter	87.7	74.5	93.6	86.1	101.8	94.1	91.8	97.2	92.0	95.0	
4th quarter	97.1	90.2	100.1	90.6	99.4	97.8	99.0	104.8	102.2	102.0	
1985 1st quarter	103.3	102.6	103.6	101.1	97.9	104.5	106.6	102.2	100.3	100.1	
2nd quarter	99.6	97.5	100.5	105.5	101.5	102.7	101.8	97.4	96.8	98.5	
3rd quarter	94.1	91.8	95.1	93.7	99.7	96.3	92.9	95.9	96.4	97.4	
4th quarter	103.1	108.1	100.8	99.7	101.0	96.5	98.6	104.5	106.5	104.0	
1986 1st quarter	107.0	118.8	101.8	103.4	96.3	101.4	103.4	99.3	101.2	101.4	
2nd quarter	99.7	99.6	99.8	101.5	103.1	104.3	97.6	98.1	98.4	102.8	
3rd quarter	95.8	95.6	95.9	91.1	101.7	98.8	91.8	97.5	96.2	101.8	
4th quarter	106.6	107.5	106.2	104.2	104.0	103.2	104.1	108.4	107.6	111.5	
1987 1st quarter	109.4	118.7	105.3	109.3	100.1	109.0	103.9	101.9	102.7	110.5	
2nd quarter	103.2	97.5	105.7	110.5	107.9	108.3	103.3	101.0	100.7	113.5	
3rd quarter	100.2	93.2	103.4	100.6	108.0	107.3	98.5	100.9	100.4	114.4	
4th quarter	112.1	110.6	112.8	112.1	109.5	110.7	111.0	109.7	109.2	122.7	
1988 1st quarter	114.0	114.3	113.8	124.2	115.5	114.0	112.8	103.6	105.6	123.9	
2nd quarter	107.5	97.2	112.0	122.2	118.7	112.6	109.9	101.8	99.0	125.0	
1987 January	101.8	117.0	95.1	90	88	101	91	96	94	104	
February	112.0	121.0	107.9	120	103	113	105	103	107	114	
March	114.5	118.1	113.0	118	109	113	116	106	108	114	
April	103.7	105.8	102.8	103	102	109	101	98	98	110	
May	103.1	102.3	103.5	104	105	107	102	101	98	109	
June	102.8	84.5	110.9	125	116	110	108	104	106	121	
July	97.5	93.9	99.2	102	105	107	93	97	93	111	
August	95.4	90.3	97.7	91	102	100	95	96	98	105	
September	107.7	95.3	113.2	109	120	115	108	109	110	127	
October	112.2	104.8	115.5	120	115	116	110	110	120	129	
November	116.0	112.2	117.8	126	115	115	114	116	117	129	
December	108.1	114.8	105.1	90	99	101	109	103	91	111	
1988 January	108.1	113.5	105.6	119	110	107	102	98	99	118	
February	114.5	115.4	114.2	128	116	116	111	105	110	126	
March	119.3	114.0	121.7	126	121	119	126	108	108	127	
April	107.2	104.6	108.3	122	114	111	106	99	97	120	
May	106.9	99.2	110.3	112	116	111	109	101	98	123	
June	108.4	87.8	117.6	134	126	116	116	105	102	132	
July	101.1	87.8	107.1	116	117	108	103	100	95	122	

Source: Central Statistical Office

1. For an index of construction output for Great Britain see Table 12.

2. Mainly building materials.

3. Industries are grouped according to the Standard Industrial Classification 1980.

4. Includes adjustments to standardise the length of months.

## 7.2

Employment and output per head<sup>1</sup>

1980=100

Class	Whole economy <sup>2</sup>	Total production industries <sup>3</sup>	Manufacturing industries									Construction	
			Total manufacturing industries <sup>3</sup>		Metals	Other minerals and mineral products	Chemicals and man-made fibres	Engineering and allied industries	Food, drink and tobacco	Textiles, clothing and leather	Other manufacturing		
			DIV 1-4	DIV 2-4	21-22	23-24	25-26	31-37	41-42	43-45	46-49	DIV 5	
<b>Employed labour force<sup>4</sup></b>			DMBC	DMBK	DMBD	DMBL	DMBM	DMBN	DMBO	DMBP	DMBQ	DMBR	DMBS
1981	96.6	91.5	91.0	86.4	85.3	92.2	90.8	94.9	87.2	93.7	90.6	94.6	
1982	94.6	86.3	85.5	83.4	74.8	87.0	84.6	90.2	81.5	90.6	91.6	91.6	
1983	93.9	81.8	81.0	73.2	73.2	82.6	79.2	85.4	78.1	89.2	91.8	91.8	
1984	95.5	80.3	79.8	64.9	77.8	81.9	76.8	83.1	78.6	91.0	94.1	94.1	
1985	96.9	79.6	79.5	64.8	77.0	82.4	75.6	81.8	79.5	92.9	93.6	93.6	
1986	97.5	77.5	77.9	59.7	76.6	82.1	73.0	79.3	79.2	94.0	93.1	93.1	
1987	99.1	76.0	76.8	56.7	77.4	81.8	70.9	77.8	77.6	96.5	97.0	97.0	
<b>Seasonally adjusted</b>													
1984 2nd quarter	95.3	80.3	79.7	67.4	74.7	81.7	76.9	83.2	78.6	90.5	93.8	93.8	
3rd quarter	95.7	80.1	79.9	60.9	82.0	82.1	76.5	82.9	78.6	91.4	94.5	94.5	
4th quarter	96.1	80.1	79.8	63.1	79.8	82.2	76.4	82.7	78.8	92.1	94.7	94.7	
1985 1st quarter	96.5	79.9	79.7	66.4	77.1	82.0	76.1	82.5	78.8	92.0	94.3	94.3	
2nd quarter	96.8	79.8	79.6	65.2	77.3	82.2	75.8	82.2	79.2	92.3	93.8	93.8	
3rd quarter	97.1	79.6	79.5	64.4	76.9	82.6	75.6	81.6	79.8	93.3	93.4	93.4	
4th quarter	97.2	79.2	79.2	63.2	76.7	82.8	75.1	81.1	80.1	94.1	93.0	93.0	
1986 1st quarter	97.2	78.5	78.8	61.3	77.0	82.5	74.4	80.3	80.0	93.7	92.9	92.9	
2nd quarter	97.3	77.7	78.1	60.0	76.6	82.0	73.3	79.4	79.8	93.3	92.9	92.9	
3rd quarter	97.5	77.0	77.4	59.2	76.1	82.0	72.5	78.8	78.6	94.1	92.9	92.9	
4th quarter	97.9	76.7	77.2	58.4	76.6	81.9	72.0	78.6	78.3	95.1	93.9	93.9	
1987 1st quarter	98.3	76.2	76.9	57.4	77.0	81.8	71.3	78.0	77.7	95.6	95.6	95.6	
2nd quarter	98.9	76.1	76.9	56.6	77.0	81.8	71.0	77.9	77.8	96.2	97.0	97.0	
3rd quarter	99.4	76.0	76.8	56.6	77.3	81.7	70.8	77.6	77.7	96.8	97.5	97.5	
4th quarter	99.9	75.8	76.7	56.4	78.5	81.9	70.7	77.5	77.4	97.4	98.0	98.0	
1988 1st quarter	100.4	75.7	76.8	55.7	79.2	81.8	70.5	77.4	77.2	97.7	99.2	99.2	
2nd quarter	100.4	75.4	76.6	55.2	79.8	81.8	70.0	76.9	76.9	98.1	99.8	99.8	
<b>Output per person employed</b>													
	DMBE	CAIW	DMBF	DMBT	DMBU	DMBV	DMBW	DMBX	DMBY	DMBZ	DMCA	DMCA	
1981	101.9	105.6	103.5	122.2	105.4	108.0	101.3	103.6	106.5	99.5	95.1	95.1	
1982	105.8	114.1	110.4	123.1	121.8	114.7	109.9	110.7	112.1	100.3	100.0	100.0	
1983	110.0	124.7	119.6	142.7	128.5	130.0	120.0	118.1	121.3	105.2	103.9	103.9	
1984	111.7	128.7	126.5	165.7	122.6	139.3	129.8	122.6	124.9	107.6	104.7	104.7	
1985	114.2	135.7	130.6	173.4	123.0	144.6	137.6	123.3	128.3	106.5	106.6	106.6	
1986	116.8	141.5	133.6	184.4	126.5	146.9	139.1	129.3	131.1	110.4	109.7	109.7	
1987	120.4	148.7	142.8	209.5	131.1	157.0	150.2	134.5	135.6	118.6	114.3	114.3	
<b>Seasonally adjusted</b>													
1984 2nd quarter	111.3	128.0	126.1	154.5	127.9	137.2	128.6	123.3	124.6	109.0	104.8	104.8	
3rd quarter	111.7	128.1	127.3	178.4	117.9	141.1	131.9	122.9	125.8	106.5	105.4	105.4	
4th quarter	112.2	129.3	127.4	167.6	118.4	141.7	132.1	122.4	125.6	106.6	103.7	103.7	
1985 1st quarter	113.5	133.5	130.4	164.3	121.0	147.1	137.6	123.5	127.3	106.8	106.4	106.4	
2nd quarter	114.7	137.2	131.6	175.8	122.8	146.6	140.3	122.0	128.7	106.1	106.1	106.1	
3rd quarter	114.1	135.8	130.4	178.0	123.4	143.6	136.5	123.0	129.0	107.1	105.7	105.7	
4th quarter	114.7	136.4	130.1	175.5	125.0	141.3	136.2	124.9	128.4	106.1	108.4	108.4	
1986 1st quarter	115.0	138.1	129.3	177.0	121.5	143.3	133.9	125.6	129.3	107.3	106.5	106.5	
2nd quarter	116.5	140.7	132.2	182.5	126.2	144.5	137.9	127.7	130.6	109.8	109.5	109.5	
3rd quarter	117.6	143.2	134.5	183.0	128.7	147.8	140.0	130.4	131.1	111.3	110.7	110.7	
4th quarter	118.3	144.1	138.4	195.0	129.7	152.2	144.6	133.6	133.4	113.2	112.0	112.0	
1987 1st quarter	118.6	145.8	138.1	198.8	127.1	153.0	144.2	132.7	133.1	114.2	115.0	115.0	
2nd quarter	119.6	146.9	141.1	211.3	131.4	155.1	147.2	133.9	134.9	118.0	110.5	110.5	
3rd quarter	121.3	150.0	144.9	213.0	134.5	159.1	152.7	134.5	137.9	121.3	113.9	113.9	
4th quarter	122.0	152.1	147.1	215.0	131.4	160.9	156.7	137.0	136.5	121.1	117.9	117.9	
1988 1st quarter	122.2	152.4	148.6	228.1	142.9	161.6	155.9	136.8	138.4	125.6	122.1	122.1	
2nd quarter	155.0	151.3	238.1	188.8	161.7	162.6	137.8	137.1	125.5				

1. Output per head is the ratio of the output index numbers published in Table 7.1 and the employed labour force. A monthly series for total manufacturing industries is presented in Table 7.3. Detailed figures are being revised.

Sources: Central Statistical Office  
Department of Employment

2. Based on the output measure of Gross Domestic Product.

3. Revised definition.

4. Comprises employees in employment, self-employed and HM Forces.

## Productivity and costs

### 7.3 Wages and salaries per unit of output and output per person per hour in manufacturing industries (revised definition)

1980=100

	Wages and salaries per unit of output <sup>1</sup>	Output per person per hour	Output per person employed <sup>2</sup>		Wages and salaries per unit of output <sup>1</sup>	Output per person per hour	Output per person employed <sup>2</sup>
	DMBG	DMBH	DMBF	1985 August	124.8	128.0	130.6
1980	100.0	100.0	100.0	September	126.8	128.3	131.0
1981	109.3	104.8	103.5	October	127.4	127.3	129.9
1982	113.9	110.4	110.3	November	129.1	127.1	129.6
1983	114.4	118.9	119.8	December	129.3	127.9	130.7
1984	117.8	124.4	126.5				
1985	124.5	128.1	130.6	1986 January	131.5	126.3	129.0
1986	131.0	131.3	133.6	February	131.6	126.9	129.4
1987	132.6	139.5	142.7	March	132.1	127.1	129.5
				April	132.7	129.6	131.8
				May	130.0	129.5	131.7
				June	130.5	131.0	133.0
<b>Seasonally adjusted</b>							
1983 1st quarter	113.1	116.7	117.0	July	129.8	131.9	134.2
2nd quarter	115.3	117.1	117.5	August	131.1	131.6	133.9
3rd quarter	114.0	120.1	121.2	September	131.0	133.3	135.5
4th quarter	115.3	121.9	123.4	October	130.1	135.2	137.3
1984 1st quarter	115.8	123.3	125.1	November	130.0	136.3	138.7
2nd quarter	116.2	124.1	126.1	December	131.6	136.6	139.1
3rd quarter	118.1	125.3	127.3				
4th quarter	121.2	125.1	127.4	1987 January	134.9	133.5	135.7
				February	132.1	136.6	139.2
1985 1st quarter	121.0	128.0	130.4	March	132.1	136.4	139.3
2nd quarter	122.4	129.2	131.6	April	133.0	137.7	140.7
3rd quarter	125.9	127.8	130.4	May	131.0	138.4	141.3
4th quarter	128.6	127.4	130.1	June	132.8	137.9	141.1
1986 1st quarter	131.7	126.8	129.3	July	132.5	140.3	143.4
2nd quarter	131.1	130.0	132.2	August	129.8	142.8	146.1
3rd quarter	130.6	132.3	134.5	September	132.8	141.4	144.9
4th quarter	130.6	136.0	138.4	October	132.8	142.5	146.3
1987 1st quarter	133.0	135.5	138.1	November	132.3	143.4	147.2
2nd quarter	132.3	138.0	141.0	December	135.0	143.1	147.0
3rd quarter	131.7	141.5	144.8				
4th quarter	133.4	143.0	146.8	1988 January	133.4	144.3	148.7
				February	135.7	141.3	145.2
1988 1st quarter	135.0	143.0	147.1	March	135.9	143.5	147.4
2nd quarter				April	136.5	146.2	150.0
				May	133.3	147.9	151.6
				June			

1. Series based on output and employment series in Tables 7.1 and 7.2 and earnings from Table 18.10.  
 2. Quarterly series also in Table 7.2.

Sources: Department of Employment  
 Central Statistical Office

### 7.4 Total home costs and labour costs per unit of output<sup>1</sup>

1980=100

	Whole economy				Whole economy		
	Total home costs	Wages and salaries	Labour costs		Total home costs	Wages and salaries	Labour costs
	DJCM	DJDO	DJD <sup>2</sup>	1985 1st quarter	135.4	128.6	125.6
1981	110.1	109.9	111.0	2nd quarter	137.3	129.7	126.5
1982	117.9	115.7	115.7	3rd quarter	138.9	133.0	129.5
1983	124.7	120.3	119.7	4th quarter	141.8	134.3	130.6
1984	130.8	125.3	123.5				
1985	138.3	131.6	128.2	1986 1st quarter	141.0	136.7	132.7
1986	142.4	138.6	134.2	2nd quarter	141.7	137.9	133.6
1987	149.2	144.6	139.3	3rd quarter	142.8	138.6	134.1
				4th quarter	144.0	140.6	135.8
<b>Seasonally adjusted</b>							
1983 1st quarter	122.6	118.9	118.4	1987 1st quarter	145.7	141.9	136.9
2nd quarter	122.8	120.3	119.9	2nd quarter	148.9	144.1	138.8
3rd quarter	125.8	120.2	119.5	3rd quarter	150.2	144.4	139.0
4th quarter	127.5	121.4	120.5	4th quarter	151.9	147.3	141.6
1984 1st quarter	128.6	122.5	121.3	1988 1st quarter	153.4	150.3	144.2
2nd quarter	129.8	124.1	122.6	2nd quarter			
3rd quarter	131.2	125.4	123.6				
4th quarter	133.5	128.6	125.8				

1. The method for calculating whole economy unit wage cost has been revised. The output measure of GDP has replaced the income measure in the calculation, and an adjustment incorporated to cover the earnings of the self-employed. See *Employment Gazette*, May 1986.

Source: Central Statistical Office

# 8 Energy

## 8.1

### Inland energy consumption: primary fuel input basis

Million tonnes of coal or coal equivalent

	Primary electricity							Primary electricity						
	Total	Coal <sup>1</sup>	Petro- leum <sup>2</sup>	Natural gas <sup>3</sup>	Nuclear	Hydro	Net imports	Total <sup>4</sup>	Coal <sup>1-4</sup>	Petro- leum <sup>2-4</sup>	Natural gas <sup>3-4</sup>	Nuclear	Hydro <sup>5</sup>	Net imports <sup>6</sup>
1981	317.2	118.2	110.9	72.1	13.7	2.3	-	315.3	117.5	110.2	71.6	13.7	2.3	-
1982	311.9	110.7	111.1	71.7	16.0	2.4	-	311.7	109.6	110.8	73.0	16.0	2.4	-
1983	312.9	111.5	106.1	74.8	18.1	2.4	-	313.6	111.6	105.9	75.6	18.1	2.4	-
1984	312.2	79.0	135.2	76.5	19.5	2.1	-	312.1	78.5	134.7	77.3	19.5	2.1	-
1985	326.9	105.3	115.0	82.3	22.2	2.1	-	322.3	103.6	113.2	81.2	22.1	2.1	-
1986	335.2	113.5	112.6	83.6	21.3	2.4	1.74	328.3	110.6	110.6	81.6	21.3	2.4	1.74
1987	338.1	116.2	109.3	85.9	19.9	2.1	4.75	333.3	114.3	108.0	84.4	19.8	2.1	4.75
<b>Unadjusted</b>														
<b>Seasonally adjusted (annual rates)</b>														
1987 March <sup>*</sup>	37.5	12.5	10.5	11.6	2.3	0.2	0.38	321.5	113.2	99.6	81.1	21.4	2.2	3.97
April	25.8	8.6	8.2	6.7	1.7	0.2	0.40	339.5	117.1	110.2	83.6	21.2	2.2	5.14
May	23.2	8.2	7.6	5.2	1.6	0.1	0.42	328.1	109.7	105.3	84.2	21.1	2.2	5.44
June <sup>*</sup>	27.7	10.2	10.1	5.3	1.5	0.1	0.55	337.1	117.1	108.5	86.0	17.6	2.2	5.71
July	21.1	7.9	8.0	3.4	1.2	0.1	0.43	345.9	118.8	118.2	84.6	16.5	2.2	5.60
August	20.1	7.2	7.7	3.4	1.4	0.1	0.28	341.4	116.4	113.6	85.5	20.0	2.2	3.68
September <sup>*</sup>	27.6	9.8	10.6	4.7	1.9	0.2	0.45	331.9	111.7	110.1	80.9	22.3	2.2	4.70
October	25.4	8.9	8.6	6.0	1.4	0.2	0.36	330.9	112.3	108.8	82.7	20.2	2.2	4.64
November <sup>*</sup>	28.2	10.0	8.6	7.7	1.3	0.2	0.41	333.7	119.4	105.4	84.7	16.7	2.2	5.37
December <sup>*</sup>	38.5	12.4	12.0	11.4	1.9	0.2	0.53	338.3	112.7	114.1	84.8	19.2	2.1	5.49
1988 January	29.3	9.8	8.3	8.7	1.7	0.3	0.42	337.2	118.0	107.7	82.9	21.0	2.2	5.40
February <sup>*</sup>	31.1	10.5	9.1	9.3	1.6	0.2	0.41	337.5	117.5	111.4	83.6	17.6	2.2	5.34
March <sup>*</sup>	38.2	12.1	12.0	11.2	2.2	0.3	0.44	344.8	112.9	117.8	87.5	19.7	2.3	4.57
April	26.1	8.4	8.8	6.6	1.6	0.2	0.44	335.0	113.3	115.0	79.3	19.3	2.3	5.72
May	23.1	8.0	8.3	4.8	1.5	0.1	0.48	334.8	107.4	117.3	81.4	20.2	2.3	6.27
June <sup>*</sup>	27.3	9.3	11.0	4.5	2.1	0.1	0.47	341.1	110.2	119.7	79.4	24.7	2.3	4.94

1. Consumption by fuel producers plus disposals to final users plus (for annual figures only) net foreign trade and stock change in other solid fuels. See also footnotes 6. and 7. to Table 8.5.

Source: Department of Energy

2. Inland deliveries for energy use plus refinery fuel and losses minus the differences between deliveries to and actual consumption at power stations and gas works.

3. Including non-energy use and excluding gas flared or re-injected.

4. Also temperature corrected.

5. From August 1985, the figures show the estimated annual outturn.

6. Not seasonally adjusted.

## 8.2 Inland energy consumption: primary fuel input basis

Million tonnes of oil or oil equivalent

	Primary electricity							Primary electricity						
	Total	Coal <sup>1</sup>	Petro- leum <sup>2</sup>	Natural gas <sup>3</sup>	Nuclear	Hydro	Net imports	Total <sup>4</sup>	Coal <sup>1-4</sup>	Petro- leum <sup>2-4</sup>	Natural gas <sup>3-4</sup>	Nuclear	Hydro <sup>5</sup>	Net imports <sup>6</sup>
1981	186.6	69.6	65.2	42.4	8.1	1.3	-	185.5	69.1	64.8	42.2	8.1	1.3	-
1982	183.5	65.1	65.4	42.2	9.4	1.4	-	183.3	64.5	65.1	42.9	9.4	1.4	-
1983	184.0	65.6	62.4	44.0	10.6	2.0	-	184.4	65.6	62.3	44.5	10.6	1.4	-
1984	183.7	46.5	79.5	45.0	11.5	1.2	-	183.6	46.2	79.3	45.5	11.5	1.2	-
1985	192.3	62.0	67.7	48.4	13.0	1.3	-	189.6	60.9	66.6	47.8	13.0	1.2	-
1986	197.2	66.8	66.2	48.2	12.6	1.4	1.02	193.1	65.1	65.1	48.0	12.6	1.4	1.02
1987 <sup>#</sup>	198.9	68.3	64.3	50.5	11.7	1.2	2.79	195.8	67.2	63.5	49.6	11.7	1.2	2.79
<b>Unadjusted</b>														
<b>Seasonally adjusted (annual rates)</b>														
1987 March <sup>*</sup>	22.1	7.3	6.2	6.8	1.4	0.1	0.22	189.1	66.6	58.6	47.7	12.6	1.3	2.34
April	15.2	5.1	4.8	3.9	1.0	0.1	0.23	199.7	68.9	64.8	49.2	12.5	1.3	3.03
May <sup>*</sup>	13.6	4.8	4.5	3.1	0.9	0.1	0.25	193.0	64.5	61.9	49.6	12.4	1.3	3.20
June <sup>*</sup>	16.3	6.0	5.9	3.1	0.9	0.1	0.32	198.3	68.9	63.8	50.6	10.4	1.3	3.36
July	12.4	4.7	4.7	2.0	0.7	-	0.25	203.4	69.9	69.5	49.8	9.7	1.3	3.30
August	11.8	4.2	4.6	2.0	0.8	0.1	0.17	200.8	68.5	66.8	50.3	11.8	1.3	2.16
September <sup>*</sup>	16.3	5.8	6.3	2.8	1.1	0.1	0.27	195.2	65.7	64.7	47.6	13.1	1.3	2.76
October	15.0	5.2	5.1	3.5	0.8	0.1	0.21	194.6	66.1	64.0	48.7	11.9	1.3	2.73
November <sup>*</sup>	16.6	5.8	5.1	4.5	0.8	0.1	0.24	196.3	70.2	62.0	49.8	9.8	1.3	3.16
December <sup>*</sup>	22.6	7.3	7.0	6.7	1.1	0.1	0.31	199.0	66.3	67.1	49.9	11.3	1.2	3.23
1988 January	17.2	5.8	4.9	5.1	1.0	0.2	0.24	188.4	69.4	63.3	48.8	12.3	1.3	3.17
February <sup>*</sup>	18.3	6.1	5.4	5.5	0.9	0.1	0.24	198.5	69.1	65.5	49.1	10.3	1.3	3.14
March <sup>*</sup>	22.5	7.1	7.1	6.6	1.3	0.2	0.26	202.8	66.4	69.3	51.5	11.6	1.3	2.69
April	15.3	5.0	5.2	3.9	0.9	0.1	0.26	197.0	66.7	67.6	46.7	11.3	1.4	3.36
May <sup>*</sup>	13.6	4.7	4.9	2.8	0.9	0.1	0.28	196.9	63.1	69.0	47.9	11.9	1.4	3.69
June <sup>*</sup>	16.1	5.4	6.4	2.6	1.2	0.1	0.28	200.7	64.8	70.4	46.7	14.5	1.3	2.90

For footnotes 1 to 6 see above.

Source: Department of Energy

## Energy

### 8.3 Supply and use of fuels

Million therms

	1986	1987	1986		1987				1988 <sup>6</sup>
			2nd quarter	3rd quarter	4th quarter	1st quarter	2nd quarter	3rd quarter	4th quarter
									1st quarter
<b>Primary fuels and equivalents</b>									
<b>Production of primary fuels</b>									
Coal	26 039	25 085	6 556	5 638	6 940	6 514	6 265	5 598	6 710
Petroleum <sup>1</sup>	55 214	53 621	13 139	14 061	13 469	13 856	12 662	13 334	13 777
Natural gas <sup>2</sup>	16 561	17 338	3 479	2 354	4 578	6 379	3 254	2 409	5 295
Primary electricity	5 459	5 046	1 300	1 213	1 422	1 536	1 198	1 105	1 207
<b>Total</b>	<b>103 273</b>	<b>101 019</b>	<b>24 471</b>	<b>23 266</b>	<b>26 408</b>	<b>28 285</b>	<b>23 379</b>	<b>22 446</b>	<b>26 989</b>
									<b>27 219</b>
<b>Arrivals</b>									
Petroleum <sup>3</sup>	22 870	21 558	5 828	6 063	6 167	5 177	5 166	5 440	5 773
Other	8 178	8 414	1 874	1 805	2 155	2 224	1 999	1 952	2 237
Shipments	45 572	43 264	10 686	11 592	11 353	11 355	10 416	10 631	10 858
Bunkers									11 354
Stock change <sup>4</sup>	878	897	255	241	236	215	156	174	151
Solid fuels	-750	+1 348	-590	-728	-392	+1 039	-97	-242	+645
Crude petroleum	+148	-82	-220	-129	+58	+62	+317	-302	-159
Petroleum products	-14	+216	+14	-64	-160	+243	+74	-140	+39
Natural gas	-332	-263	-76	-324	-29	+190	-29	-311	-112
Non-energy use	4 088	4 085	1 025	1 148	965	1 000	951	1 086	1 050
Statistical difference <sup>5</sup>	+1 920	+2 117	+444	+606	+449	+784	+395	+741	+180
<b>Total primary energy input<sup>6</sup></b>	<b>84 775</b>	<b>86 353</b>	<b>19 779</b>	<b>17 514</b>	<b>22 102</b>	<b>25 434</b>	<b>19 682</b>	<b>17 692</b>	<b>23 533</b>
									<b>24 418</b>
<b>Conversion losses, etc.<sup>7</sup></b>									
<b>Final consumption by fuel<sup>8</sup></b>	<b>26 934</b>	<b>27 676</b>	<b>6 443</b>	<b>5 801</b>	<b>6 996</b>	<b>7 541</b>	<b>6 589</b>	<b>6 068</b>	<b>7 466</b>
Coal	4 902	4 451	1 212	1 183	1 240	1 127	1 138	980	1 207
Other solid fuel <sup>9</sup>	2 355	2 557	576	516	609	677	666	581	633
Other coal-derived fuels <sup>10</sup>	303	326	78	71	78	78	82	85	81
Gas <sup>11</sup>	18 519	19 383	3 751	2 414	5 154	7 612	3 637	2 451	5 680
Electricity	8 243	8 520	1 913	1 736	2 172	2 480	1 916	1 801	2 329
Petroleum	23 519	23 440	5 807	5 792	5 853	5 922	5 655	5 724	6 142
<b>Total all fuels</b>	<b>57 841</b>	<b>58 677</b>	<b>13 336</b>	<b>11 713</b>	<b>15 106</b>	<b>17 893</b>	<b>13 093</b>	<b>11 624</b>	<b>16 067</b>
									<b>17 641</b>

1. Crude petroleum and natural gas liquids.

2. Excluding gas flared or re-injected.

3. Crude petroleum, process oils and petroleum products.

4. Stock fall (+) stock rise (-).

5. Supply greater than recorded demand (-).

6. Thermal equivalent of total inland energy consumption in Tables 8.1 and 8.2. A more detailed analysis of the 1987 figures is shown in the *Digest of United Kingdom Energy Statistics 1988* Tables 4 and 6.

7. Losses in conversion and distribution and used by fuel industries.

8. Deliveries, except for gas, electricity and iron and steel industry use of solid fuels.

9. Coke and other manufactured solid fuels.

10. Coke oven gas and creosote/pitch mixtures.

11. Natural gas, supplied direct, and town gas.

12. Includes public administration, commerce and agriculture.

Source: Department of Energy

## 8.3 Supply and use of fuels

continued

Million therms

	1986	1987	1986 2nd quarter	3rd quarter	4th quarter	1987 1st quarter	2nd quarter	3rd quarter	4th quarter	1988 <sup>6</sup> 1st quarter
<b>Final consumption by user<sup>8</sup></b>										
<b>Iron and steel industry</b>										
Coal	6	3	2	1	2	2	1	1	1	2
Other solid fuel <sup>9</sup>	1 565	1 776	348	332	439	464	464	404	444	485
Other coal derived fuels <sup>10</sup>	283	290	72	67	71	69	72	77	72	69
Gas <sup>11</sup>	419	468	105	87	119	128	111	95	134	142
Electricity	251	266	65	55	63	68	67	60	71	72
Petroleum	276	250	66	75	67	66	62	56	66	85
<b>Total</b>	<b>2 801</b>	<b>3 052</b>	<b>658</b>	<b>617</b>	<b>761</b>	<b>797</b>	<b>777</b>	<b>693</b>	<b>784</b>	<b>865</b>
<b>Other industries</b>										
Coal	2 075	2 016	468	546	549	475	528	468	545	561
Other solid fuel <sup>9</sup>	105	92	24	27	27	22	15	28	27	28
Other coal derived fuels <sup>10</sup>	20	36	6	4	6	9	10	8	9	9
Gas <sup>11</sup>	4 958	5 243	1 097	954	1 419	1 659	1 215	1 076	1 472	1 542
Electricity	2 481	2 597	613	579	630	682	625	614	681	688
Petroleum	3 789	3 392	929	822	882	1 030	725	685	958	1 050
<b>Total</b>	<b>13 428</b>	<b>13 557</b>	<b>3 137</b>	<b>2 932</b>	<b>3 513</b>	<b>3 877</b>	<b>3 118</b>	<b>2 879</b>	<b>3 692</b>	<b>3 878</b>
<b>Transport sector</b>										
Coal	1	1	—	—	—	—	—	—	—	—
Electricity	102	105	25	24	26	28	25	24	28	28
Petroleum	16 154	16 832	4 105	4 253	4 103	3 805	4 282	4 455	4 290	4 203
<b>Total</b>	<b>16 257</b>	<b>16 937</b>	<b>4 129</b>	<b>4 277</b>	<b>4 130</b>	<b>3 833</b>	<b>4 308</b>	<b>4 480</b>	<b>4 318</b>	<b>4 231</b>
<b>Domestic sector</b>										
Coal	2 430	2 060	662	551	583	523	529	454	555	516
Other solid fuel <sup>9</sup>	516	529	144	117	116	152	137	114	126	121
Gas <sup>11</sup>	10 241	10 500	1 936	1 026	2 833	4 588	1 745	971	3 197	4 096
Electricity	3 130	3 183	682	579	856	1 030	664	581	908	978
Petroleum	1 028	980	202	226	257	334	185	180	282	299
<b>Total</b>	<b>17 348</b>	<b>17 253</b>	<b>3 626</b>	<b>2 499</b>	<b>4 645</b>	<b>6 624</b>	<b>3 260</b>	<b>2 300</b>	<b>5 068</b>	<b>6 010</b>
<b>Other final users<sup>12</sup></b>										
Coal	390	371	80	85	106	127	80	57	106	110
Other solid fuel <sup>9</sup>	169	160	60	40	27	39	50	35	36	37
Gas <sup>11</sup>	2 901	2 991	613	348	783	1 237	566	310	877	1 166
Electricity	2 275	2 371	528	499	587	672	535	522	641	718
Petroleum	2 272	1 980	505	416	544	687	399	348	545	626
<b>Total</b>	<b>8 007</b>	<b>7 873</b>	<b>1 786</b>	<b>1 388</b>	<b>2 057</b>	<b>2 762</b>	<b>1 630</b>	<b>1 272</b>	<b>2 205</b>	<b>2 657</b>
<b>Total final users</b>	<b>57 841</b>	<b>58 677</b>	<b>13 336</b>	<b>11 713</b>	<b>15 106</b>	<b>17 893</b>	<b>13 093</b>	<b>11 624</b>	<b>16 067</b>	<b>17 641</b>

Source: Department of Energy

1. Crude petroleum and natural gas liquids.

2. Excluding gas flared or re-injected.

3. Crude petroleum, process oils and petroleum products.

4. Stock fall (+) stock rise (-).

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6. Thermal equivalent of total inland energy consumption in Tables 8.1 and 8.2. A more detailed analysis of the 1987 figures is shown in the *Digest of United Kingdom Energy Statistics 1988* Tables 4 and 6.

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9. Coke and other manufactured solid fuels.

10. Coke oven gas and creosote/pitch mixtures.

11. Natural gas, supplied direct, and town gas.

12. Includes public administration, commerce and agriculture.

## 8.4

## Coal supply and colliery manpower and productivity at BCC mines

Weekly averages

Thousand tonnes						Thousand	Tonnes			
Coal supply						BCC mines				
Production			Net imports	Import <sup>2</sup>	Export <sup>2</sup>	Wage earners on colliery books Total	Average output <sup>3</sup> per manshift worked			
Total <sup>1</sup>	Deep-mined	Opencast					Overall	Underground		
							Total	Production <sup>4</sup>		
1981	2 451	2 124	285	-100	83	183	222	2.38	3.00	9.43
1982	2 398	2 042	294	-64	78	142	210	2.41	3.03	9.88
1983	2 293	1 957	283	-38	86	122	197	2.51	3.14	10.58
1984	984	678	275	+124	171	47	178	2.24	2.77	10.31
1985	1 809	1 447	299	+196	245	49	163	2.49	3.12	11.36
1986	2 079	1 738	275	+150	203	53	132	3.15	3.92	13.82
1987	2 006	1 651	304	+143	188	45	108	3.59	4.42	15.81
1987 June <sup>*</sup>	1 892	1 520	305	+80	125	45	108	3.53	4.37	15.72
July	1 813	1 445	325	+154	206	52	107	3.47	4.30	15.77
August	1 606	1 247	293	+213	250	37	107	3.29	4.09	14.92
September <sup>*</sup>	1 929	1 531	331	+181	230	49	106	3.49	4.29	15.21
October	2 158	1 767	335	+144	205	61	105	3.61	4.43	15.80
November	2 235	1 842	327	+197	253	56	104	3.74	4.57	16.41
December <sup>*</sup>	2 077	1 791	277	+144	191	47	102	3.93	4.82	17.52
1988 January	1 712	1 427	242	+127	181	54	100	3.68	4.52	16.95
February	1 912	1 505	343	+158	195	37	99	3.51	4.39	16.87
March <sup>*</sup>	2 105	1 667	379	+279	302	23	97	3.74	4.58	17.39
April	1 917	1 606	278	+216	243	27	89	3.97	4.82	18.16
May	2 153	1 734	362	+172	227	55	89	4.18	5.09	19.14
June <sup>*</sup>	1 949	1 531	365	+122	162	40	88	4.12	5.05	19.13

1. Including an estimate for slurry, etc., recovered and disposed of otherwise than by the British Coal Corporation (BCC) Source: Department of Energy

2. As recorded in the *Overseas Trade Statistics*.

3. Saleable deep-mined revenue coal.

4. Output from production faces divided by production manshifts.

## 8.5

Inland use and stocks of coal<sup>1</sup>

Use: weekly averages			Stocks: end of period						Thousand tonnes	
Inland use			Final users <sup>2</sup>							
Total inland consumption	Fuel producers (consumption)			Final users <sup>2</sup>						Stocks <sup>3</sup>
	Primary	Secondary		Other conversion industries <sup>5</sup>	Industry <sup>6</sup>	House coal <sup>6, 7</sup>	Other <sup>8</sup>	Miscellaneous <sup>9</sup>		
	Collieries	Power stations <sup>4</sup>	Coke ovens							
1981	2 277	12	1 678	208	47	134	132	31	35	42 253
1982	2 135	10	1 543	200	45	137	129	34	37	52 377
1983	2 144	9	1 589	201	41	138	119	32	35	57 960
1984	1 487	4	1 027	159	25	115	93	30	33	36 548
1985	2 027	6	1 422	214	42	144	126	40	33	34 979
1986	2 197	6	1 589	214	38	157	134	30	29	38 481
1987	2 228	5	1 657	209	39	153	109	28	27	33 157
1987 June <sup>*</sup>	2 034	3	1 458	213	47	154	112	26	20	34 965
July	1 981	3	1 414	208	48	152	109	30	17	34 965
August	1 804	2	1 315	207	29	121	89	28	14	35 167
September <sup>*</sup>	1 959	3	1 431	210	35	151	86	24	19	35 816
October	2 214	4	1 632	211	36	172	105	28	25	36 189
November	2 497	5	1 888	210	42	164	116	42	31	35 841
December <sup>*</sup>	2 485	6	1 882	209	36	161	125	28	37	33 157
1988 January	2 457	5	1 927	210	34	140	92	21	29	32 546
February	2 610	6	1 967	211	41	183	124	43	35	30 522
March <sup>*</sup>	2 417	5	1 812	212	43	182	104	26	33	30 070
April	2 117	5	1 593	211	35	143	84	24	26	30 130
May	1 997	4	1 421	213	42	159	109	27	22	31 497
June <sup>*</sup>	1 850	2	1 306	210 <sup>10</sup>	46	157	86	23	20	32 871

1. Great Britain only.

2. Disposals by collieries and opencast sites.

3. Excluding distributed stocks held in merchants' yards, etc., mainly for the domestic market and stocks held by the industrial sector. 4. Public supply and railway and transport power stations. 5. Gas works, low temperature carbonisation and patent fuel plants. 6. For 1984 onwards, includes estimated proportion of total imports. 7. Including miners' coal. 8. Anthracite, dry steam coal and imported naturally smokeless fuels. 9. Includes public administration and commerce. 10. Partly estimated.

Source: Department of Energy

## 8.6

## Sources of supply and gas sent out by the gas supply system

Weekly averages

Million therms

		Natural gas supply			
		Total into system <sup>1</sup>	Source		
			Indigenous	Imported	Gas sent out
1981		329.9	248.1	81.8	329.4
1982		323.2	248.2	75.0	321.9
1983		333.5	251.7	81.8	330.8
1984		343.9	247.9	96.0	342.1
1985		371.5	275.3	96.2	366.3
1986		379.7	289.7	90.1	370.1
1987		388.4	305.0	83.4	380.4
1987 March <sup>2</sup>		545.1	437.8	107.3	560.9
April		381.4	283.5	98.0	378.5
May		304.3	221.8	82.5	296.5
June <sup>3</sup>		251.4	182.8	68.6	243.3
July		205.2	151.4	53.8	182.4
August		212.1	155.9	56.1	176.4
September <sup>4</sup>		238.7	168.8	69.9	207.2
October		359.4	290.2	69.2	339.3
November <sup>5</sup>		464.6	373.5	91.1	440.5
December <sup>6</sup>		536.4	445.8	90.6	541.1
1988 January		510.0	422.9	87.1	501.1
February		548.3	454.9	93.4	545.0
March		524.2	426.8	97.4	528.8
April		380.4	282.3	98.1	378.6
May		268.3	194.4	73.9	263.6
June <sup>7</sup>		213.8	147.3	66.5	201.2

1. Figures differ from Gas sent out because of stock changes and the inclusion of small quantities of substitute Natural Gas and Town Gas in gas sent out.

Source: Department of Energy

## 8.7

## Fuel used by and electricity production and availability from the public supply system

Weekly averages

Fuel used	Million tonnes of coal or coal equivalent					Terawatt hours									
						Electricity generated									
	Total <sup>1</sup>		Coal <sup>2</sup>		Oil <sup>2,3</sup>	Nuclear electricity	Hydro-electricity	Total <sup>4</sup>		Nuclear	Other	Own use <sup>5</sup>	Electricity supplied	Electricity available <sup>6</sup>	
1981	2.12	1.68	0.17	0.23	0.04	4.99	0.65	4.24		0.34	4.65	4.74			
1982	2.06	1.54	0.20	0.28	0.04	4.91	0.77	4.04		0.34	4.57	4.65			
1983	2.08	1.57	0.15	0.32	0.04	5.01	0.88	4.01		0.37	4.64	4.73			
1984	2.11	1.03	0.70	0.34	0.03	5.11	0.95	4.02		0.38	4.74	4.82			
1985	2.20	1.42	0.35	0.39	0.03	5.38	1.08	4.16		0.42	4.97	5.06			
1986	2.20	1.59	0.20	0.37	0.04	5.43	1.04	4.26		0.41	5.02	5.21			
1987	2.19	1.66	0.16	0.35	0.03	5.44	0.97	4.35		0.40	5.04	5.37			
1987 March <sup>7</sup>	2.53	1.90	0.16	0.43	0.04	6.31	1.26	4.98		0.45	5.86	6.13			
April	2.11	1.57	0.10	0.41	0.04	5.26	1.07	4.00		0.40	4.86	5.17			
May <sup>8</sup>	1.95	1.46	0.10	0.36	0.02	4.86	1.02	3.75		0.39	4.47	4.81			
June <sup>9</sup>	1.86	1.46	0.12	0.27	0.02	4.61	0.75	3.78		0.36	4.25	4.58			
July	1.82	1.41	0.12	0.28	0.01	4.46	0.78	3.62		0.34	4.12	4.43			
August	1.79	1.31	0.13	0.32	0.02	4.41	0.91	3.43		0.34	4.07	4.30			
September <sup>10</sup>	1.93	1.43	0.13	0.34	0.03	4.75	0.94	3.71		0.36	4.39	4.69			
October	2.18	1.63	0.20	0.30	0.04	5.37	0.85	4.40		0.38	4.99	5.30			
November <sup>11</sup>	2.39	1.89	0.18	0.28	0.04	5.91	0.78	5.00		0.41	5.50	5.87			
December <sup>12</sup>	2.49	1.88	0.22	0.34	0.04	6.21	0.94	5.14		0.43	5.78	6.16			
1988 January	2.59	1.93	0.21	0.39	0.06	6.47	1.09	5.20		0.46	6.01	6.37			
February	2.57	1.97	0.20	0.35	0.05	6.43	0.98	5.30		0.45	5.98	6.33			
March <sup>13</sup>	2.43	1.81	0.18	0.39	0.05	6.08	1.07	4.88		0.31	5.67	5.99			
April	2.15	1.59	0.16	0.35	0.05	5.38	0.98	4.25		0.40	4.98	5.33			
May	1.96	1.42	0.16	0.35	0.02	4.91	0.99	3.85		0.37	4.54	4.87			
June <sup>14</sup>	1.86	1.31	0.15	0.38	0.01	4.70	1.07	3.55		0.38	4.32	4.61			

1. Including any coke and natural gas.

2. Including quantities used in the production of steam for sale.

3. Including oil used in gas turbine and diesel plant and for lighting up coal-fired boilers.

4. Including generation by gas turbine, diesel and hydro-electric plant.

5. Used on works and for pumping at pumped storage stations.

6. Including net imports and purchases from outside sources mainly UKAEA and British Nuclear Fuels.

Source: Department of Energy

## 8.8

## Sales by the gas and public electricity supply systems

	Gas: million therms						Electricity: GWh					
	Total	Power stations <sup>1</sup>	Iron and steel industry <sup>2</sup>	Other industries	Domestic	Other <sup>3</sup>	Total	Iron and steel industry <sup>4</sup>	Other industries <sup>5</sup>	Domestic	Other <sup>6</sup>	
1982	16 657	76	365	5 319	8 719	2 178	221 630	9 764	71 483	82 787	57 596	
1983	16 844	77	342	5 295	8 871	2 260	225 087	9 370	72 113	83 023	60 581	
1984	17 302	178	462	5 307	8 931	2 424	229 362	8 040	75 813	84 039	61 470	
1985	18 390	197	464	5 369	9 682	2 678	240 578	7 773	78 510	88 302	65 993	
1986	18 497	75	433	4 840	10 242	2 907	248 093	7 378	79 588	91 826	69 301	
1987	19 222	77	464	5 284	10 394	3 003	256 189	7 775	82 992	93 254	72 168	
1984 1st quarter	6 417	21	126	1 573	3 719	979	67 504	2 185	20 377	26 913	18 029	
2nd quarter	3 504	19	110	1 239	1 655	480	52 586	2 054	18 301	18 228	14 013	
3rd quarter	2 336	45	95	1 050	902	243	48 104	1 825	17 869	15 343	13 067	
4th quarter	5 045	92	131	1 446	2 655	722	61 159	1 976	19 266	23 556	16 361	
1985 1st quarter	6 874	85	124	1 516	4 074	1 075	69 774	2 011	20 666	28 246	18 853	
2nd quarter	3 796	59	118	1 304	1 781	535	55 333	2 066	19 285	19 013	14 970	
3rd quarter	2 462	30	99	1 081	972	281	51 132	1 774	18 666	16 358	14 333	
4th quarter	5 258	23	124	1 468	2 855	788	64 339	1 922	19 893	24 686	17 838	
1986 1st quarter	7 200	17	123	1 449	4 447	1 164	72 622	2 000	21 122	29 762	19 738	
2nd quarter	3 743	19	105	1 070	1 936	613	57 707	1 914	19 666	20 008	16 119	
3rd quarter	2 405	18	87	927	1 026	348	52 478	1 622	18 621	16 965	15 270	
4th quarter	5 151	21	119	1 395	2 833	783	65 286	1 843	20 179	25 091	18 173	
1987 1st quarter	7 608	19	132	1 632	4 588	1 237	74 255	1 982	21 694	30 178	20 401	
2nd quarter	3 635	20	114	1 191	1 745	566	57 698	1 953	19 952	19 458	16 335	
3rd quarter	2 449	19	98	1 051	971	310	54 342	1 751	19 636	17 021	15 934	
4th quarter	5 681	21	138	1 449	3 197	877	68 894	2 089	21 710	26 597	19 498	
1988 1st quarter <sup>8</sup>	6 946	22	142	1 519	4 096	1 166	74 491	2 118	21 906	28 667	21 800	

1. Public supply and transport power stations.

2. Prior to 1984, as reported by the Iron and Steel Statistics Bureau. From 1984, as reported by British Gas plc.

3. Public administration and commerce.

4. Prior to 1984, as reported by the Iron and Steel Statistics Bureau. From 1984 as reported by the public electricity supply industry.

5. Figures include a small degree of estimation.

6. Mainly commerce, public administration and agriculture.

Source: Department of Energy

## 8.9

Indigenous production, refinery receipts, arrivals and shipments of oil<sup>1</sup>

Monthly averages or calendar months

	Million tonnes			Thousand tonnes							
	Indigenous oil production			Crude petroleum <sup>3</sup>					Petroleum products		
	Total <sup>2</sup>	Crude oil	NGLs	Refinery receipts		Foreign trade			Foreign trade		
				Indigenous <sup>4</sup>	Other <sup>5</sup>	Net foreign arrivals <sup>6</sup>	Arrivals <sup>6</sup>	Shipments	Indigenous	Other <sup>7</sup>	Arrivals <sup>6</sup>
								Indigenous	Other <sup>7</sup>		Shipments <sup>6</sup>
1982	8.6	8.4	0.2	3 358	264	2 771	2 813	5 016	42	1 044	1 132
1983	9.6	9.3	0.3	3 735	197	2 430	2 527	5 616	97	826	1 223
1984	10.5	10.1	0.4	3 775	183	2 579	2 689	6 439	114	1 923	1 186
1985	10.6	10.2	0.4	3 603	91	2 861	2 965	6 611	118	1 092	1 420
1986	10.6	10.1	0.5	3 232	84	3 323	3 434	6 945	136	981	1 477
1987	10.3	9.8	0.5	3 233	78	3 386	3 462	6 693	93	714	1 421
1987 April	10.4	9.9	0.5	2 754	64	3 683	3 707	7 443	36	693	1 370
May	10.7	10.2	0.5	4 058	67	3 407	3 435	6 188	41	366	1 747
June	8.0	7.6	0.4	1 907	107	2 990	3 057	5 321	83	592	1 477
July	10.5	10.0	0.5	3 784	-13	3 678	3 716	6 623	38	673	1 656
August	10.2	9.8	0.4	3 579	139	3 396	3 468	6 539	85	683	1 335
September	10.0	9.6	0.4	3 377	89	3 469	3 507	6 383	51	621	1 428
October	10.6	10.1	0.4	4 280	36	3 204	3 264	6 298	84	524	1 329
November	10.4	10.0	0.4	2 573	14	3 578	3 749	7 198	193	779	1 431
December	10.7	10.3	0.5	3 723	79	4 258	4 325	6 384	80	845	1 784
1988 January	10.8	10.4	0.5	2 469	25	3 895	3 918	8 291	66	641	1 391
February	10.1	9.7	0.4	3 358	93	3 365	3 410	6 456	69	665	995
March	10.8	10.3	0.5	3 392	138	2 903	2 976	6 680	115	573	1 451
April	10.3	9.9	0.4	3 991	63	3 157	3 238	6 037	94	409	1 232
May	10.5	10.0	0.4	4 251	79	3 742	3 827	5 921	113	522	1 632
June	8.6	8.3	0.3	2 929	139	3 578	3 717	5 457	162	700	1 507

1. The term indigenous is used in this table for convenience to include oil from the UK Continental Shelf as well as the small amounts produced on the mainland. 2. Crude oil plus condensates and petroleum gases derived at onshore treatment plants. 3. Includes process (partly refined) oils. 4. Includes condensate for distillation. 5. Mainly recycled products. 6. Foreign trade as recorded by the petroleum industry and may differ from figures published in the *Overseas Trade Statistics*. 7. Mainly process oils but may include re-exports of crude oil. 8. International marine bunkers.

Source: Department of Energy

## 8.10

## Deliveries of petroleum products for inland consumption

Monthly averages or calendar months

	Total <sup>1</sup>	Butane and propane <sup>2</sup>	Naphtha (LDF) <sup>2</sup>	Motor spirit and Middle Distillate Feedstock <sup>3</sup>	Kerosene			Gas/diesel oil		Fuel oil	Lubricating oils	Bitumen			
					Aviation turbine fuel	Burning oil		Derv fuel	Other						
						Premier	Standard								
						Domestic	Other								
1982	5 604	121	320	1 604	373	17	95	34	478	883	1 349	69			
1983	5 372	148	338	1 631	381	13	93	32	515	829	1 044	68			
1984	6 786	162	322	1 686	402	10	98	34	563	831	2 322	68			
1985	5 815	129	316	1 700	417	11	106	39	592	811	1 332	68			
1986	5 769	157	316	1 789	458	10	118	41	656	770	1 043	67			
1987	5 642	153	303	1 849	485	8	116	45	706	717	828	69			
1987 April	5 370	133	302	1 903	433	5	100	41	704	701	632	68			
May	5 104	107	208	1 839	532	1	72	36	693	585	593	68			
June	5 351	157	232	1 906	564	2	71	36	725	548	647	72			
July	5 739	148	345	2 021	606	1	69	34	731	559	756	72			
August	5 423	149	240	1 834	604	4	84	41	651	553	846	67			
September	5 804	159	330	1 909	585	7	86	37	740	673	785	76			
October	5 888	143	263	1 957	529	8	114	48	768	713	890	73			
November	5 908	156	392	1 815	402	9	121	47	759	757	1 006	72			
December	6 225	185	354	1 961	404	13	180	67	707	826	1 154	59			
1988 January	5 641	142	415	1 664	431	11	133	50	688	754	977	68			
February	5 808	166	259	1 804	419	8	153	54	735	815	983	66			
March	6 459	193	285	2 046	457	6	163	54	857	912	985	76			
April	5 683	152	299	1 901	456	4	112	41	751	700	852	73			
May	5 603	133	348	1 917	539	2	74	30	743	584	756	73			
June	5 873	129	352	1 979	534	1	69	28	803	568	890	81			

1. Including other petroleum gases, aviation spirit, wide-cut gasoline, industrial and white spirits, petroleum wax, miscellaneous products, but excluding refinery fuel.

Source: Department of Energy

2. Including amounts for petro-chemicals.

3. Now mainly petro-chemical feedstock. Prior to the October 1986 issue of the *Monthly Digest*, Middle Distillate Feedstock was included in the Gas/Diesel(Other)column.

# 9 Chemicals

## 9.1 Fertilisers and other miscellaneous products

Thousand tonnes

Deliveries to UK agriculture <sup>1</sup>					Industrial ethyl alcohol <sup>4</sup>	Soap	Synthetic detergents <sup>5</sup>
N(nitrogen)	P <sub>2</sub> O <sub>5</sub> phosphate <sup>2</sup>	K <sub>2</sub> O potash <sup>3</sup>	Compounds <sup>3</sup>				Net sales
Straight <sup>2</sup>	Compounds <sup>2</sup>				Production		
Monthly averages or calendar months	Quarterly averages or totals for quarters	Quarterly averages or totals for quarters	Quarterly averages or totals for quarters	Monthly averages or calendar months	Thousand hectolitres of alcohol	Weekly averages	Quarterly averages or totals for quarters
1981	57.9	117.0	93.0	96.9	234.9	153.3	5.04
1982	65.4	119.1	94.8	102.0	243.5	172.6	4.70
1983	74.6	132.0	101.7	116.7	271.6	199.9	4.21
1984	71.5	119.0	98.6	116.1	256.9	253.6	..
1985	75.3	117.7	101.0	119.2	263.9	209.1	282.0
1986	73.8	112.4	91.6	109.3	247.4	211.2	296.4
1987	82.4	122.0	98.3	121.0	266.4		
1985 January	87.7	133	76	94	219.6		
February	69.4	..	..	..	264.5	520.1	..
March	68.6	..	..	..	333.3		
April	65.6	146	73	99	233.4		
May	30.4	..	..	..	239.9	657.3	..
June	101.2	..	..	..	323.7		
July	80.1	96	123	142	259.2		
August	36.7	..	..	..	219.1	838.9	..
September	21.0	..	..	..	261.5		
October	65.6	70	99	103	209.0		
November	129.0	..	..	..	161.9	493.2	..
December	129.1	..	..	..	226.2		
1986 January	105.5	126	66	86	255.7		
February	48.7	..	..	..	206.5	498.2	..
March	61.2	..	..	..	300.6		
April	52.0	158	78	107	277.7		
May	58.1	..	..	..	276.9	622.6	..
June	41.8	..	..	..	225.0		
July	96.2	90	110	131	219.1		
August	93.9	..	..	..	305.1	520.9	..
September	60.4	..	..	..	330.3		
October	78.2	71	113	130	180.0		
November	103.6	..	..	..	187.0	892.9	..
December	110.5	..	..	..	257.7		
1987 January	73.7	137	78	98	170.1		
February	95.0	..	..	..	336.6		
March	93.1	..	..	..	411.3		
April	87.3	190	92	126	334.0		
May	40.8	..	..	..	258.3		
June	23.3	..	..	..	186.4		
July	64.1	77	88	111	172.1		
August	83.5	..	..	..	265.3		
September	71.2	..	..	..	282.8		
October	72.5	68	97	111	161.5		
November	102.1	..	..	..	187.2		
December	76.2	..	..	..	231.0		
1988 January	58.1	136	76	97	257.8		
February	70.7	..	..	..	278.8		
March	79.2	..	..	..	457.7		
April	64.6	210	97	133	415.5		
May	32.0	..	..	..	255.3		
June	22.0	..	..	..	195.2		
July	33.5	..	..	..	177.0		

1. Years ended 31 May.

2. Nutrient content.

3. Total weight of compound fertilisers.

4. Industrial ethyl alcohol is distilled from molasses or derived from other processes: the current usings of molasses spirit in beverage spirit production are believed to be comparable with the usings in the preceding financial year - see explanatory notes in the *Supplement of Definitions and Explanatory Notes*.

5. Figures relate to sales by manufacturers in the United Kingdom who are classified to AH 2581 (Soap and synthetic detergents) previously MLH 275, and who from the first quarter 1981 employ 50 or more, replacing the previous employment level of 25. From the first quarter 1980 to fourth quarter 1981, figures exclude sales of household cleaning liquid detergent and from the first quarter 1981, sales of paste synthetic detergents.

Sources: Department of Trade and Industry  
HM Customs and Excise  
Fertiliser Manufacturers Association

## 9.2

## Sulphur and sulphuric acid

Production and consumption: monthly averages or calendar months. Stocks: end of period

Thousand tonnes

Sulphur and other materials used for sulphuric acid manufacture						Sulphuric acid (as 100 per cent acid)		
Consumption			Stocks			Production	Consumption	
	Sulphur	Spent oxide	Zinc concentrates	Sulphur	Spent oxide	Zinc concentrates		
1981	77.2	0.6	15.7	50.5	0.8	-	240.7	241.6
1982	67.1	0.5	17.5	36.7	6.6	-	215.6	219.7
1983	68.6	0.6	19.8	29.3	6.2	-	219.2	234.1
1984	69.0	0.1	20.3	39.1	4.7	-	221.2	232.2
1985	64.6	-	19.8	34.3	-	-	212.9	222.2
1986	59.4	-	20.2	29.5	-	48.6	194.1	206.6
1987	54.8	-	18.4	21.5	-	43.7	181.7	181.4
1984 January	67.5	0.5	16.9	42.6	4.9	-	215.1	191.6
February	68.3	0.4	20.8	40.7	4.6	-	215.5	245.4
March	73.9	0.5	23.6	35.8	4.7	-	235.2	276.2
April	69.6	-	21.0	29.9	4.7	-	219.2	234.1
May	71.9	-	21.0	33.0	4.7	-	230.6	223.8
June	68.5	-	21.2	40.1	4.7	-	220.5	260.1
July	70.3	-	17.3	34.4	4.7	-	225.6	210.4
August	64.3	-	22.3	43.3	4.7	-	208.4	213.5
September	67.6	-	20.1	36.2	4.7	-	217.4	257.8
October	68.0	-	19.1	39.8	4.7	-	218.6	216.1
November	66.8	-	19.0	41.1	4.7	-	220.7	212.7
December	71.3	-	21.4	52.3	4.7	-	227.4	244.7
1985 January	69.2	-	23.2	42.7	4.7	-	224.8	226.1
February	64.9	-	19.8	37.4	4.7	-	208.4	222.6
March	76.1	-	22.2	31.3	4.7	-	244.0	257.4
April	71.6	-	17.0	37.9	4.7	44.1	229.1	206.4
May	70.6	-	11.1	31.5	4.7	52.2	219.6	249.1
June	64.9	-	25.0	29.0	4.7	51.5	224.1	249.2
July	63.8	-	18.8	35.1	4.7	47.5	222.2	221.9
August	56.5	-	20.5	37.2	-	47.6	183.5	201.5
September	64.7	-	21.3	29.8	-	50.7	229.3	-
October	58.3	-	19.7	35.1	-	57.2	187.2	187.8
November	60.5	-	20.1	33.0	-	46.1	194.9	186.4
December	54.1	-	18.6	31.0	-	44.6	208.6	229.3
1986 January	65.4	-	24.5	28.1	-	28.6	211.9	224.8
February	64.9	-	19.0	38.4	-	28.4	207.5	216.6
March	67.5	-	23.4	30.8	-	21.9	220.1	219.6
April	60.4	-	19.1	34.6	-	36.8	194.8	206.4
May	62.8	-	21.5	24.7	-	40.6	204.2	218.0
June	54.7	-	19.1	36.9	-	43.5	176.8	204.0
July	57.1	-	19.0	35.7	-	68.3	185.2	215.9
August	67.1	-	21.0	29.1	-	66.2	216.3	207.6
September	53.7	-	19.7	26.1	-	69.2	176.2	199.2
October	51.4	-	19.5	24.7	-	60.7	187.0	214.8
November	55.5	-	19.1	22.5	-	60.5	179.5	178.9
December	52.6	-	18.1	18.6	-	58.3	170.2	173.8
1987 January	56.7	-	14.7	22.6	-	55.9	178.1	167.4
February	53.8	-	19.2	23.2	-	53.4	177.5	179.1
March	62.0	-	17.4	21.7	-	61.0	200.0	198.5
April	60.3	-	20.2	24.8	-	55.0	195.3	188.5
May	52.3	-	16.0	24.1	-	60.0	167.9	171.6
June	53.0	-	19.2	21.2	-	53.2	174.1	182.3
July	49.6	-	19.4	19.6	-	47.2	164.5	180.0
August	50.9	-	21.0	20.6	-	30.6	168.7	153.5
September	55.9	-	18.8	21.3	-	17.6	183.0	187.8
October	62.0	-	18.6	16.8	-	40.1	199.1	197.9
November	53.8	-	17.8	20.8	-	23.5	178.2	183.1
December	60.0	-	18.5	21.1	-	26.5	193.9	186.8
1988 January	70.0	-	18.2	18.2	-	18.0	197.6	187.4
February	58.6	-	15.5	21.3	-	39.4	190.3	189.0
March	60.6	-	19.9	28.3	-	38.3	196.2	196.0
April	55.3	-	20.6	25.5	-	25.5	182.4	186.2
May	57.9	-	18.2	23.3	-	21.7	192.8	191.4
June	58.1	-	20.2	22.3	-	28.4	186.9	185.0
July	55.1	-	19.7	24.9	-	28.0	183.0	196.2

Source: Department of Trade  
and Industry  
National Sulphuric Acid  
Association

## Chemicals

### 9.3

#### Dyestuffs and pigments: paint and varnish Sales by manufacturers

Quarterly averages or totals for quarters

	Thousand tonnes							Million litres				
	Dyestuffs and pigments <sup>1</sup>							Paint and varnish <sup>2</sup>				
	Finished synthetic dyestuffs	Synthetic organic pigments	Inorganic pigment colours	Ochres and mineral colours	Titanium dioxide	White lead	Vegetable tanning and dyeing extracts	Total	Emulsion paints and other (aqueous) paints	Cellulose based paints, varnishes and lacquers	Varnishes, lacquers and stains (other than cellulose)	Other <sup>3</sup>
1981	10.69	2.63	3.31	3.31	42.40	..	..	133.3	48.6	8.1	2.2	74.4
1982	10.59	2.46	2.97	..	43.08	..	..	132.9	52.4	6.6	2.4	71.5
1983	10.52	2.98	3.41	..	48.72	..	..	136.7	54.4	7.2	2.5	72.6
1984	10.81	..	3.21	..	51.50	..	..	140.2	57.0	7.3	2.4	73.5
1985	10.72	..	3.05	..	54.78	..	..	144.7	61.8	6.7	2.6	73.6
1986	11.49	..	2.94	..	57.49	..	..	150.0	64.5	7.9	2.8	74.8
1987	12.84	..	3.03	..	63.89	..	..	160.9	72.8	8.7	2.4	77.0
1977	3rd quarter	12.27	4.06	5.26	7.03	47.52	0.26	156.2	49.2	12.3	1.8	92.9
	4th quarter	12.22	4.19	5.01	6.55	47.91	0.10	141.1	45.2	12.0	1.8	82.1
1978	1st quarter	12.47	4.36	5.44	6.49	47.79	0.14	152.4	53.5	12.3	2.0	84.6
	2nd quarter	12.10	3.97	4.80	6.90	56.80	0.18	165.8	53.4	14.4	2.1	95.9
	3rd quarter	11.12	3.55	4.26	7.07	45.43	0.25	170.8	55.0	14.4	2.0	99.4
	4th quarter	12.54	3.94	5.16	7.41	55.29	0.18	143.3	47.7	11.5	1.7	82.4
1979	1st quarter	12.25	3.57	4.97	6.57	43.37	0.13	152.4	52.0	11.7	2.4	86.3
	2nd quarter	14.68	4.21	6.25	4.88	55.20	0.13	174.6	55.2	14.7	2.7	100.1
	3rd quarter	13.17	3.96	4.48	4.60	50.22	0.12	174.4	53.8	13.4	2.8	104.4
	4th quarter	13.14	3.95	4.61	5.44	44.11	0.08	151.1	45.5	11.6	2.6	91.4
1980	1st quarter	13.60	4.01	5.11	..	57.38	..	145.5	52.7	10.7	2.1	80.0
	2nd quarter	12.69	3.59	4.92	..	45.17	..	146.5	47.9	10.0	1.8	86.8
	3rd quarter	10.27	2.71	3.41	..	41.27	..	141.8	47.5	9.7	1.9	82.7
	4th quarter	9.74	2.69	3.53	..	42.85	..	119.6	42.1	8.4	1.9	67.2
1981	1st quarter	9.95	2.66	3.34	..	44.60	..	134.2	52.3	8.3	2.0	71.6
	2nd quarter	11.41	2.62	3.38	..	43.22	..	138.4	49.8	8.6	2.4	77.6
	3rd quarter	10.87	2.61	3.26	..	43.17	..	142.8	50.0	8.4	2.5	81.9
	4th quarter	10.51	2.63	3.25	..	38.60	..	117.5	42.2	7.0	2.0	66.3
1982	1st quarter	10.98	2.44	3.51	..	48.26	..	133.5	56.6	6.6	2.0	68.3
	2nd quarter	11.56	2.74	3.18	..	40.75	..	143.3	52.5	7.2	2.7	80.9
	3rd quarter	9.75	2.15	2.66	..	40.32	..	139.2	54.3	6.6	2.6	75.7
	4th quarter	10.08	2.52	2.53	..	43.01	..	115.0	46.1	5.9	2.2	60.9
1983	1st quarter	10.49	2.80	3.47	..	50.87	..	138.1	61.1	6.9	2.3	67.7
	2nd quarter	10.59	2.82	3.38	..	52.26	..	141.2	55.5	7.7	2.6	75.4
	3rd quarter	10.52	2.88	3.38	..	43.50	..	146.7	55.1	7.4	2.7	81.5
	4th quarter	10.49	3.43	3.42	..	48.16	..	120.9	45.8	6.9	2.4	65.8
1984	1st quarter	11.63	..	3.17	..	53.92	..	140.8	57.3	7.3	2.3	73.9
	2nd quarter	11.27	..	3.45	..	53.40	..	149.1	59.4	8.0	2.6	79.1
	3rd quarter	9.75	..	3.01	..	49.67	..	148.6	58.6	7.6	2.7	79.7
	4th quarter	10.60	..	3.21	..	49.00	..	122.3	52.6	6.4	2.1	61.2
1985	1st quarter	11.04	..	3.16	..	56.22	..	142.7	61.0	6.5	2.4	72.8
	2nd quarter	10.68	..	3.06	..	56.59	..	153.9	65.0	7.0	2.8	79.1
	3rd quarter	10.04	..	2.90	..	53.81	..	151.8	64.9	6.9	2.8	77.2
	4th quarter	11.13	..	3.08	..	52.52	..	130.3	56.5	6.4	2.2	65.2
1986	1st quarter	11.52	..	2.79	..	57.03	..	139.6	62.1	7.6	2.4	67.5
	2nd quarter	11.79	..	2.85	..	58.08	..	160.0	68.1	8.2	2.9	80.8
	3rd quarter	11.09	..	2.82	..	55.39	..	158.6	66.0	8.6	3.1	80.9
	4th quarter	11.58	..	3.30	..	59.45	..	141.7	61.6	7.3	2.7	70.1
1987	1st quarter	12.93	..	3.47	..	64.71	..	148.9	67.2	7.9	2.5	71.3
	2nd quarter	12.96	..	3.06	..	62.49	..	169.0	75.7	9.8	2.7	80.8
	3rd quarter	12.15	..	2.90	..	58.86	..	176.5	80.3	8.7	2.5	85.0
	4th quarter	13.31	..	2.74	..	69.52	..	149.1	67.9	8.4	1.9	70.9
1988	1st quarter	14.17	..	3.29	..	69.66	..	164.5	74.5	9.1	2.3	78.6

1. Figures relate to sales by manufacturers in the United Kingdom employing 25 or more persons, and from 1st quarter 1981 those employing 100 or more persons.

Source: Department of Trade and Industry

2. Figures relate to sales by manufacturers in the United Kingdom employing 25 or more persons, and from 1st quarter 1981 those employing 50 or more persons.

3. Figures from 1st quarter 1986 include other marine paints; an equivalent figure for 4th quarter 1985 is 71.0.

# 9.4 Synthetic resins and plastics materials

Production: quarterly averages or totals for quarters

Thousand tonnes

Production of synthetic resins and plastics materials <sup>1</sup>					
	Products of condensation, polycondensation and polyaddition <sup>2,3</sup> <sup>7</sup>	Products of polymerisation and copolymerisation	Cellulosics and other plastics and modified natural resins <sup>4</sup>	Intermediate forms between the resin and semi-fabricated stages <sup>5</sup>	Semi-finished products <sup>6</sup>
1981	168.5	331.8	22.9	39.8	93.2
1982	154.2	316.8	19.1	37.1	99.2
1983	156.8	...	14.3	50.9	109.1
1984	150.7	...	17.6	45.1	114.4
1985	154.3	...	17.9	46.0	113.4
1986	156.9	...	17.9	47.1	127.7
1987	171.2	...	17.2	45.7	142.8
1977 4th quarter	206.3	403.6	24.9	49.0	108.3
1978 1st quarter	224.5	409.0	28.2	50.5	109.2
2nd quarter	232.8	406.2	28.7	51.1	113.9
3rd quarter	210.9	379.4	25.8	50.7	111.5
4th quarter	231.2	416.5	28.6	57.5	121.2
1979 1st quarter	206.4	397.2	21.6	64.8	129.5
2nd quarter	243.4	441.7	27.5	64.1	134.7
3rd quarter	210.4	411.6	24.7	61.9	125.0
4th quarter	221.9	414.5	26.2	63.4	130.2
1980 1st quarter	220.5	455.7	27.8	57.7	126.7
2nd quarter	200.6	357.5	25.8	51.0	110.9
3rd quarter	156.9	263.7	21.7	41.6	95.1
4th quarter	168.4	339.1	21.8	49.6	100.3
1981 1st quarter	166.3	344.6	22.6	38.1	91.8
2nd quarter	170.9	322.1	24.0	40.5	92.8
3rd quarter	163.8	330.9	23.5	36.2	89.5
4th quarter	172.8	330.3	21.6	44.2	99.4
1982 1st quarter	165.7	370.7	21.1	43.7	99.8
2nd quarter	167.5	346.7	19.0	49.8	100.1
3rd quarter	141.6	316.5	18.0	45.1	96.7
4th quarter	142.2	...	18.2	52.9	101.8
1983 1st quarter	148.4	...	14.6	59.3	105.3
2nd quarter	170.2	...	15.3	52.8	111.0
3rd quarter	148.3	...	12.8	42.9	108.1
4th quarter	160.2	...	14.3	48.5	112.0
1984 1st quarter	152.5	...	18.6	46.5	116.0
2nd quarter	154.6	...	18.6	44.5	114.0
3rd quarter	138.9	...	15.4	43.6	108.9
4th quarter	156.7	...	17.9	45.6	118.6
1985 1st quarter	153.1	...	19.8	46.4	115.3
2nd quarter	163.6	...	19.3	48.1	112.8
3rd quarter	152.0	...	15.0	40.8	112.2
4th quarter	148.6	...	17.3	48.5	115.2
1986 1st quarter	156.2	...	18.9	49.4	124.0
2nd quarter	167.6	...	19.2	43.8	125.1
3rd quarter	151.0	...	16.3	47.7	127.2
4th quarter	152.9	...	17.1	47.4	134.4
1987 1st quarter	170.2	...	17.0	48.6	141.6
2nd quarter	189.2	...	16.6	48.8	146.8
3rd quarter	171.6	...	17.2	40.5	141.2
4th quarter	166.8	...	16.8	46.1	138.6
1988 1st quarter	192.1	261.4	...	45.1	142.1

1. Figures relate to sales by UK manufacturers employing 75 or more persons from 1st quarter 1981 replacing the previous employment level of 25.

Source: Department of Trade and Industry

2. Figures from 1st quarter 1983 to 4th quarter 1986 for products of condensation, polycondensation and polyaddition exclude polyamides and silicones. A comparable figure for 4th quarter 1982 would be 132.4.

3. Figures from 1st quarter 1984 exclude flexible and rigid foam for products of condensation, polycondensation and polyaddition. A comparable figure for 4th quarter 1983 would be 145.6.

4. Figures from 1st quarter 1983 to 4th quarter 1983 for cellulosics and other plastics and modified natural resins consist only of regenerated cellulose film; an equivalent figure for 4th quarter 1982 would be 13.5.

5. From 2nd quarter 1983, figures for intermediate forms between the resin and semi-fabricated stages exclude mouldings and extrusion compounds of phenolics. A comparable figure for 1st quarter 1983 would be 55.9.

6. Figures from 1st quarter 1984 for semi-finished products exclude copper clad and glass based industrial laminated thermosetting sheet and extruded flexible plasticised film. A comparable figure for 4th quarter 1983 would be 108.5.

7. Figures from 1st quarter 1986 for products of condensation, polycondensation and polyaddition exclude modified resins. A comparable figure for 4th quarter 1985 would be 147.4.

## Chemicals

# 9.5

### Production of selected organic chemicals<sup>1</sup>

Production: Quarterly averages or totals for quarters

Tonnes

	Acyclic (single chemicals) <sup>2</sup>			Cyclic (single chemicals) <sup>3</sup>		Formaldehyde <sup>6</sup>	Acetone
	Ethylene	Propylene	Butadiene	Benzene <sup>3, 5</sup>	Toluene <sup>4</sup>		
1981	308 866	184 147	51 975	187 978	44 739	28 244	27 808
1982	278 850	206 043	57 200	142 364	..	26 789	33 815
1983	288 662	207 976	59 420	181 465	..	24 450	30 439
1984	331 069	243 946	64 806	188 666	..	25 897	40 363
1985	361 629	243 307	74 408	199 135	41 209	30 917	36 699
1986	435 025	216 042	48 217	213 183	..	25 804	30 794
1987	449 463	218 338	57 856	227 888	..	28 369	29 463
1976 1st quarter	330 276	187 996	57 681	213 681	53 968	31 543	41 965
2nd quarter	293 014	170 399	51 351	226 644	88 558	31 727	31 931
3rd quarter	329 481	190 494	57 938	262 768	95 617	32 999	37 684
4th quarter	333 284	198 586	63 244	224 951	..	37 930	37 417
1977 1st quarter	318 883	170 958	56 271	242 049	..	37 819	33 639
2nd quarter	331 089	186 158	62 391	211 744	52 194	37 991	38 066
3rd quarter	289 460	163 637	47 439	229 775	59 993	31 431	36 163
4th quarter	198 054	138 831	55 592	160 983	54 038	39 723	35 790
1978 1st quarter	225 775	155 008	48 319	189 671	47 094	30 021	37 810
2nd quarter	304 960	177 486	54 022	202 979	40 506	35 614	28 205
3rd quarter	254 575	156 537	57 145	211 778	56 802	29 498	40 403
4th quarter	280 371	181 810	49 962	186 254	55 133	36 457	39 217
1979 1st quarter	275 416	162 464	47 657	232 488	62 825	31 415	35 794
2nd quarter	286 043	184 663	53 972	291 131	101 991	35 310	36 650
3rd quarter	326 770	203 045	59 572	298 515	89 961	34 219	39 139
4th quarter	345 352	215 664	65 849	234 150	38 941	37 316	35 343
1980 1st quarter	364 102	197 685	63 887	312 149	72 133	37 056	47 132
2nd quarter	267 146	134 647	46 226	201 954	47 971	32 552	25 359
3rd quarter	183 354	89 168	29 639	101 720	9 795	25 421	23 113
4th quarter	280 307	151 227	52 190	209 721	40 231	28 903	26 995
1981 1st quarter	314 265	165 073	54 608	264 131	60 886	27 521	23 503
2nd quarter	280 930	169 086	50 660	192 333	26 721	28 978	26 286
3rd quarter	283 729	184 931	42 758	155 133	43 217	25 765	29 725
4th quarter	356 540	217 496	59 875	140 317	48 132	30 713	31 717
1982 1st quarter	281 582	207 905	50 993	158 815	40 286	30 765	34 338
2nd quarter	278 157	194 977	55 638	139 393	27 649	28 846	33 778
3rd quarter	276 904	208 088	65 002	136 982	..	22 500	28 530
4th quarter	278 757	213 203	57 166	134 264	52 237	25 043	38 612
1983 1st quarter	271 500	194 397	50 004	172 856	35 842	25 074	33 887
2nd quarter	314 706	217 036	63 433	184 648	..	24 540	31 932
3rd quarter	294 210	220 367	64 865	193 780	..	21 402	31 972
4th quarter	274 230	200 104	59 376	174 575	..	26 785	23 963
1984 1st quarter	350 505	250 842	66 968	203 924	45 916	27 167	42 852
2nd quarter	277 241	208 954	56 383	170 677	25 389	27 146	34 293
3rd quarter	336 413	251 490	62 748	180 617	..	23 140	41 850
4th quarter	360 117	264 496	73 123	199 445	25 674	26 134	42 457
1985 1st quarter	343 085	236 787	70 099	199 564	30 413	26 349	33 041
2nd quarter	364 715	219 685	68 815	188 353	42 669	34 625	40 952
3rd quarter	378 244	260 567	84 327	191 638	44 521	27 648	37 195
4th quarter	360 470	256 187	74 390	216 986	47 233	35 045	35 807
1986 1st quarter	336 082	208 797	48 963	217 879	33 067	25 547	31 170
2nd quarter	429 851	201 045	56 656	231 942	..	26 039	31 392
3rd quarter	480 421	225 700	43 217	205 506	..	24 856	32 019
4th quarter	493 746	228 628	44 031	197 445	..	26 772	28 596
1987 1st quarter	482 256	197 313	58 105	220 297	..	26 669	28 004
2nd quarter	357 405	206 021	43 122	193 881	..	31 437	31 804
3rd quarter	467 991	228 860	63 752	260 755	31 896	26 514	26 776
4th quarter	490 203	241 160	66 446	236 620	31 654	28 859	31 270
1988 1st quarter	496 349	260 118	59 695	243 848	..	25 989	33 918

1. Figures relate to sales by UK manufacturers employing 50 or more persons from Q1 1981 replacing the previous employment level of 25.

Source: Department of Trade and Industry

2. Hydrocarbons (other than products of coal tar distillation, benzole refining and wood carbonisation).

3. Including that obtained by the dealkylation of toluene.

4. Including that used in the production of benzene.

5. Includes hydrocarbon benzene from 1985 4th quarter. A comparable figure for 3rd quarter 1985 is 210 108.

6. Including paraformaldehyde (expressed as 100 per cent formaldehyde).

# 10 Metals, engineering and vehicles

## 10.1 Iron and steel

	Weekly averages		Stocks: end of period						Thousand tonnes				
	Iron ore		Pig iron			Scrap <sup>4</sup>		Crude steel	Finished steel products			Iron castings	
	Production	Consumption of imported iron ore <sup>1</sup>	Production in blast furnaces <sup>2</sup>	Steel-making consumption	Total stocks <sup>3</sup>	Consumption in steel-making	Total stocks	Production	Net home and export deliveries	Stocks At producers' works <sup>5</sup>	Consumers'	Stock-holders'	
1981 <sup>6</sup>	14	247	180	179	70	155	618	284	239	2 802	2 330	1 243	31.0
1982	9	217	161	157	184	144	742	263	228	2 543	2 110	1 120	28.3
1983	7	250	184	182	103	148	467	288	236	2 620	1 800	1 100	27.9
1984	7	260	184	178	99	151	439	291	242	2 762	1 830	1 240	27.5
1985	5	290	201	195	152	135	438	302	251	3 233	1 640	1 250	23.2
1986	6	275	188	185	103	128	552	283	253	2 743	1 376	1 199	20.9
1987 May	5	347	232	227	94	133	445	331	273	2 934	..	..	20.1
June	7	338	237	235	82	152	450	354	344	2 842	1 454	1 169	24.0
July <sup>7</sup>	5	294	200	195	91	111	484	280	260	2 800	..	..	16.2
August	5	274	186	177	97	113	516	266	234	2 788	..	..	16.6
September <sup>8</sup>	4	358	239	235	88	139	541	344	284	2 784	1 438	1 116	18.5
October	7	348	242	244	94	147	571	361	323	2 824	..	..	25.0
November	5	365	252	252	92	147	603	370	340	2 702	..	..	25.8
December	2	330	227	224	94	112	582	308	237	2 898	1 433	1 249	20.5
1988 January	6	382	249	249	76	157	523	372	311	2 933	..	..	22.7
February	3	391	267	267	57	156	520	388	352	2 917	..	..	24.5
March	5	393	257	256	52	152	514	373	333	2 843	1 424	1 228	24.7
April	5	379	261	261	53	152	500	379	334	2 825	..	..	19.4
May <sup>9</sup>	3	384	263	262	54	153	455	380	355	2 721	..	..	20.8
June	3	382	258	255	47	142	438	361	315	2 756	..	..	18.0

1. Including manganese ore. 2. Includes blast-furnace ferro-alloys.

3. Includes blast furnace ferro-alloys, but excludes iron foundries and refined iron works.

4. Excludes iron foundries and refined iron works.

5. Stocks of ingots, semi-finished and finished steel.

6. 53 week period.

7. Weight of iron castings in the black state (up to and including fettling).

Sources: Department of Trade and Industry  
Iron and Steel Statistics Bureau

## 10.2 Supplies and deliveries of steel

Weekly averages

Thousand tonnes (crude steel equivalent)

	Supply from home sources				Imports <sup>3</sup>	Exports <sup>3</sup>	Net home disposals			
	Crude steel production		Producers stock changes <sup>1</sup>	Re-usable material <sup>2</sup>						
	Total	of which Alloy								
1981 <sup>4</sup>	293.8	28.0	-1.1	1.1	296.0	82.1	91.1	286.0		
1982	263.5	23.2	-6.3	1.6	271.4	96.2	85.2	282.4		
1983	288.2	21.2	+2.3	1.7	287.6	83.3	97.1	273.8		
1984	290.8	23.7	+3.6	1.3	288.5	88.8	99.2	278.2		
1985	302.3	23.5	+11.5	1.6	292.4	93.8	115.7	270.5		
1986	283.2	21.9	-13.3	1.6	298.1	104.5	126.3	276.3		
1985 1st quarter	296.7	27.4	-23.6	1.7	322.0	91.3	121.5	291.8		
2nd quarter	337.6	25.2	+39.2	1.7	300.1	87.2	130.2	257.1		
3rd quarter	278.0	24.8	-15.2	0.7	293.9	92.5	106.0	280.4		
4th quarter	297.0	21.5	+23.1	1.4	275.3	104.7	105.0	275.0		
1986 1st quarter	303.8	23.7	+2.8	0.9	301.9	103.5	108.2	297.2		
2nd quarter	268.7	20.9	-26.5	1.9	297.1	107.6	122.5	282.2		
3rd quarter	242.9	18.7	-29.1	1.7	273.7	102.2	124.7	251.2		
4th quarter	317.3	22.1	+3.2	1.9	316.0	79.2	149.7	245.5		
1987 1st quarter	323.6	21.7	-8.9	1.7	334.2	99.5	155.4	278.3		
2nd quarter	351.4	25.4	+18.6	2.2	325.0	101.3	160.6	275.7		
3rd quarter <sup>5</sup>	299.1	21.0	-5.3	1.4	305.8	103.6	140.9	268.5		
4th quarter	342.6	23.7	+11.4	2.7	333.9	124.2	155.9	302.2		
1988 1st quarter	377.5	27.1	-5.6	2.2	385.3	130.6	154.4	361.5		

1. Increases in stock are shown as + and decreases in stock (ie deliveries from stock) as -.

2. Currently mainly old rails for re-rolling.

3. Derived from HM Customs statistics.

4. 53 week period.

5. 14 week period.

Sources: Department of Trade and Industry  
Iron and Steel Statistics Bureau

Iron and Steel Statistics Bureau

## Metals

### 10.3 Copper and aluminium

Monthly averages or calendar months Stocks: end of period Thousand tonnes

	Copper						Aluminium							
	Production		Home consumption		Stocks		Production <sup>1</sup>		Production		Despatches to customers			
	Primary refined	Secondary refined	Primary and secondary refined	Scrap (metal content)	Refined	Semi-manufactures	Castings and miscellaneous uses	Primary <sup>2</sup>	Secondary <sup>3</sup>	Primary <sup>2</sup>	Secondary	Wrought Castings including foil stock		
1981	5.0	6.4	27.8	10.7	62.0	38.8	4.9	28.3	12.3	37.2	12.5	27.6	6.9	
1982	5.3	5.9	30.0	10.7	69.3	41.0	4.9	20.1	9.6	33.3	9.6	28.9	6.5	
1983	5.6	6.4	29.8	9.1	75.6	40.0	4.2	21.0	10.7	34.9	10.7	29.6	6.4	
1984	5.8	5.6	29.4	11.0	43.4	42.0	4.1	24.0	12.0	37.4	11.9	30.8	6.5	
1985	5.3	5.1	28.9	11.0	37.6	41.2	4.1	22.9	10.6	36.3	10.6	..	6.0	
1986	5.2	5.3	28.3	11.3	31.6	40.6	4.1	23.0	9.7	37.6	10.0	..	5.2	
1987	May	3.6	6.0	23.0	11.0	21.4	34.8	4.0	25.8	8.5	37.3	9.4	..	5.0
	June	6.7	5.1	28.2	11.3	20.0	41.0	4.1	23.3	10.9	36.7	12.0	..	5.4
July	3.4	7.6	26.6	10.5	17.1	38.1	4.0	23.9	9.0	43.3	9.6	..	5.5	
August	3.1	6.4	20.4	10.7	19.1	31.4	4.0	25.9	8.0	36.3	8.5	..	4.9	
September	4.1	5.5	29.2	11.0	16.5	41.5	4.0	23.3	9.5	35.5	9.9	..	5.4	
October	2.2	8.1	29.9	12.5	13.0	43.6	4.4	24.3	10.3	36.7	10.5	..	5.9	
November	5.6	3.7	28.6	13.0	8.6	42.8	4.2	26.2	10.8	41.3	10.7	..	5.8	
December	3.9	5.6	24.4	11.3	7.7	36.3	4.1	24.1	8.7	40.0	8.7	..	5.6	
1988	January	4.3	4.3	26.6	14.5	11.1	42.5	4.1	27.0	9.0	39.8	8.9	..	4.5
	February	4.8	5.2	28.0	10.7	14.8	39.7	4.0	23.4	8.9	41.1	9.1	..	4.2
March	5.7	6.4	31.0	10.8	15.2	43.1	4.2	24.4	10.3	39.9	10.7	..	4.3	
April	5.4	4.9	27.1	9.6	14.3	37.5	4.0	26.4	8.3	46.5	8.2	..	4.1	
May	4.2	6.4	26.6	10.8	12.8	38.5	4.1	24.2	9.6	39.1	10.0	..	4.3	
June	4.9	6.7	28.0	9.1	10.6	38.0	4.2	24.2	9.6	42.9	9.4	..	4.6	

1. Copper and copper alloys.

2. Including the pure content of primary alloys.

3. Including the primary content used in the production of secondary metal.

Sources: Department of Trade and Industry  
World Bureau of Metal Statistics  
Aluminium Federation

### 10.4 Lead, tin and zinc

Monthly averages or calendar months Stocks: end of period Thousand tonnes

	Lead				Tin				Zinc					
	Production of refined <sup>1</sup>	Home consumption		Stocks		Home consumption	Imports refined tin <sup>2</sup>	Exports and re-exports <sup>2</sup>	Stocks <sup>4</sup>	Slab production	Home consumption			
		Refined lead <sup>2</sup>	Scrap (metal content) <sup>3</sup>	Bullion	Refined lead <sup>4</sup>						Slab	Other (metal content) <sup>5</sup>		
1981	27.78	22.15	0.69	94.63	60.83	0.91	0.53	0.52	6.04	6.8	15.5	4.7	16.1	
1982	25.52	22.66	0.82	13.56	79.45	0.86	0.43	0.45	11.55	6.6	15.1	4.8	16.0	
1983	26.85	24.41	1.19	14.79	88.40	0.85	0.40	0.08	20.33	7.3	15.1	4.5	19.5	
1984	28.20	24.61	1.65	17.98	62.40	0.83	0.37	0.92	17.72	7.1	15.5	4.5	15.9	
1985	27.27	22.85	2.42	13.44	57.01	0.79	0.33	0.61	19.37	6.2	14.5	4.9	15.9	
1986	27.39	23.51	2.26	16.15	46.79	0.81	0.35	1.14	11.94	7.2	15.2	4.5	15.0	
1987	May	21.7	19.59	2.61	2.68	32.74	0.80	0.33	0.82	8.60	5.3	14.5	4.5	14.7
	June	26.9	25.26	3.51	14.68	33.46	0.82	0.02	1.36	8.89	8.5	16.1	5.1	15.8
July	28.3	22.79	3.10	10.86	33.14	0.90	0.26	2.03	8.08	7.1	15.9	4.6	15.1	
August	25.8	21.98	3.01	11.48	26.96	0.69	0.34	1.12	7.67	6.3	12.8	3.7	14.8	
September	33.1	25.36	3.43	20.73	25.66	0.92	0.18	2.14	7.47	7.7	17.6	4.6	13.6	
October	32.4	27.26	3.67	22.28	24.28	0.83	0.10	0.79	7.02	6.3	15.7	4.8	12.9	
November	31.5	26.62	3.07	10.57	23.92	0.82	0.10	1.17	6.88	7.7	15.2	5.0	13.1	
December	27.4	22.32	2.72	26.07	24.36	0.74	0.18	0.46	6.81	9.6	14.7	4.0	13.7	
1988	January	32.5	25.28	3.28	19.94	23.81	0.82	0.12	1.19	6.7	7.3	15.5	4.9	14.0
	February	28.8	25.12	3.33	16.79	23.60	0.82	0.23	0.83	6.7	7.6	16.0	4.6	14.4
March	31.1	27.20	3.27	17.43	24.53	0.90	0.14	0.96	6.7	8.8	17.6	4.6	14.6	
April	30.9	23.73	3.10	16.68	24.06	0.87	0.07	0.82	6.4	7.0	16.1	4.1	14.2	
May	28.1	24.76	3.16	16.80	23.18	0.79	0.26	0.74	6.0	7.0	16.4	4.1	14.4	
June	32.1	25.00	3.09	..	..	0.91	0.30	1.86	5.5	7.0	16.8	4.3	13.8	

1. Lead reclaimed from secondary scrap material, and lead refined from bullion and domestic ore, including antimonial lead.

2. Including toll transactions. Figures of Home consumption of lead comprise imported primary, secondary, English refined and antimonial lead.

3. Excluding secondary.

4. Stocks held by consumers and LME warehouses.

5. Including scrap.

Sources: Department of Trade and Industry  
World Bureau of Metal Statistics

# 10.5

## Engineering and allied products

Estimated total sales of UK manufactured goods<sup>1</sup>  
Standard Industrial Classification 1980

Engineering

£ million

Activity heading	Product group	1984	1985	1986	1987 <sup>6</sup>	1987				1988	
						1st qtr	2nd qtr.	3rd qtr	4th qtr	1st qtr <sup>8</sup>	
<b>Division 3</b>											
<b>Manufacture of metal goods not elsewhere specified<sup>2</sup>: Class 31: Total</b>											
3120	Forging, pressing and stamping	1 158	1 171	1 208	1 313	323	320	316	354	386	
3137	Bolts, nuts, washers, rivets, springs and non-precision chains	515	532	553	589	147	146	144	152	166	
3142	Metal doors, windows, etc	675	573	631	668	164	161	172	171	182	
3161	Hand tools and implements	215	236	229	259	66	64	62	67	72	
3162	Cutlery, spoons, forks and similar tableware; razors	101	109	105	103	23	25	27	28	27	
3163	Metal storage vessels (mainly non-industrial)	64	63	71	78	21	18	19	20	27	
3164	Packaging products of metal	1 462	1 539	1 600	1 661	394	425	418	424	409	
3165	Domestic heating and cooking appliances (non-electrical)	291	319	350	365	81	75	94	115	93	
3166	Metal furniture and safes	457	483	539	568	139	144	141	144	171	
3167	Domestic utensils of metal	183	192	216	200	50	46	47	57	52	
3169	Miscellaneous finished metal products	2 199	2 363	2 509	2 834	707	677	713	737	776	
<b>Mechanical engineering<sup>3</sup>: Class 32: Total</b>											
3204	Fabricated constructional steelwork	1 395	1 513	1 474	1 788	389	544	414	441	484	
3205	Boilers and process plant fabrications	1 621	1 577	1 784	1 814	415	476	479	444	447	
3211	Agricultural machinery	279	302	256	277	65	76	75	61	74	
3212	Wheeled tractors	1 016	982	894	1 032	226	236	254	318	302	
3221	Metal-working machine tools	683	822	840	884	217	194	222	250	263	
3222	Engineers small tools	649	770	789	815	199	201	198	217	232	
3230	Textile machinery	306	307	324	323	83	82	73	85	105	
3244	Food, drink and tobacco processing machinery; packaging and bottling machinery	521	538	585	655	160	146	155	194	159	
3245	Chemical industry machinery; furnaces and kilns; gas, water and waste treatment plant	395	439	504	501	117	117	127	140	124	
3251	Mining machinery	507	631	789	677	189	160	167	161	193	
3254	Construction and earth moving equipment	876	1 011	1 006	993	242	243	242	265	296	
3255	Mechanical lifting and handling equipment	1 586	1 747	1 753	1 825	424	421	454	526	515	
3261	Precision chains and other mechanical power transmission equipment	552	648	684	781	201	187	196	197	218	
3262	Ball, needle and roller bearings	206	229	253	272	70	69	63	70	85	
3275	Machinery for working wood, rubber, plastics, leather and making paper, glass, bricks and similar materials; laundry and dry cleaning machinery	380	458	485	522	123	128	131	140	136	
3276	Printing, bookbinding and paper goods machinery	433	580	639	683	178	169	162	174	197	
3281	Industrial (including marine) engines	920	877	778	783	184	176	184	238	216	
3283	Compressors and fluid power equipment	713	778	803	834	203	209	206	216	232	
3284	Refrigerating, space-heating, ventilating and air conditioning equipment	1 181	1 267	1 322	1 480	353	337	384	406	386	
3285	Scales, weighing machinery and portable power tools	233	268	271	344	83	80	84	97	102	
3286	Miscellaneous industrial and commercial machinery	650	767	849	1 038	420	242	174	202	241	
3287	Pumps	409	474	471	476	114	119	112	131	143	
3288	Industrial valves	401	456	475	447	107	109	112	119	119	
3289	Miscellaneous mechanical marine and precision engineering	1 538	1 553	1 508	1 509	389	355	356	409	436	
3290	Ordnance, small arms and ammunition	835	806	788	813	170	198	184	261	251	
<b>Manufacture of office machinery and data processing equipment: Class 33: Total</b>											
3301	Office machinery	137	169	216	271	74	62	66	69	67	
3302	Electronic data processing equipment <sup>4</sup>	2 519	3 459	2 983	4 314	819	1 014	1 027	1 454	1 083	
<b>Electrical and electronic engineering<sup>5</sup></b>											
<b>Class 34: Total</b>											
3410	Insulated wires and cables	1 141	1 256	1 268	1 413	352	331	336	395	412	
3420	Basic electrical equipment	2 342	2 367	2 883	2 782	706	645	675	756	704	
3432	Batteries and accumulators	324	367	361	406	101	89	99	117	106	
3433	Alarms and signalling equipment	246	301	338	418	115	96	103	103	115	
3434	Electrical equipment for motor vehicles, cycles and aircraft	613	711	710	791	194	202	184	210	208	
3435	Miscellaneous electrical equipment for industrial use	299	339	320	316	71	73	85	87	90	
3441	Telegraph and telephone apparatus and equipment	1 475	1 668	1 750	1 673	494	371	379	429	525	
3442	Electrical instruments and control systems	1 081	1 301	1 354	1 488	372	354	374	387	422	
3443	Radio and electronic capital goods	2 472	2 851	2 969	3 146	1008	600	769	769	1 047	
3444	Components other than active components, mainly for electronic equipment	1 064	1 128	1 154	1 225	307	305	293	321	353	
3452	Gramophone records and pre-recorded tapes	194	236	304	395	68	96	84	127	93	
3453	Active components and electronic sub-assemblies	1 092	1 139	1 149	1 168	306	286	279	296	332	
3454	Electronic consumer goods and miscellaneous equipment	873	885	993	1 082	263	231	254	333	..	
3460	Domestic-type electric appliances	1 140	1 208	1 327	1 540	326	335	409	469	407	
3470	Electric lamps and other electric lighting equipment	700	726	798	876	217	199	209	251	260	

See Note and footnotes on page 64.

Source: Department of Trade and Industry

## Engineering

### 10.5 Engineering and allied products

Estimated total sales of UK manufactured goods<sup>1</sup>

*continued* Standard Industrial Classification 1980

£ million

Activity heading	Product group	1984	1985	1986	1987 <sup>2</sup>	1987				1988
						1st qtr.	2nd qtr.	3rd qtr.	4th qtr.	
<b>Manufacture of motor vehicles and parts thereof</b>										
3510	Class 35: Total	9 590	11 129	11 854	14 651	3 573	3 667	3 904	3 509	4 189
3521 and 3530	Motor vehicles and their engines	5 504	6 762	7 229	9 536	2 343	2 380	2 687	2 127	2 683
3522/3	Motor vehicle bodies and vehicle parts	3 606	3 858	4 079	4 434	1 065	1 117	1 060	1 193	1 280
3620	Trailers, semi-trailers and caravans	480	509	545	681	165	170	157	189	226
<b>Manufacture of other transport equipment<sup>7</sup></b>										
3640	Class 36: Total	5 489	6 264	7 187	8 681	1 825	2 249	1 919	2 669	147
3650	Railway and tramway vehicles	245	242	273	266	56	66	50	92	120
3651	Aerospace equipment manufacturing, repairing and modification	5 167	5 934	6 826	8 305	1 738	2 154	1 840	2 573	27
3710	Baby carriages and wheelchairs	77	88	88	110	29	29	29	24	27
<b>Instrument engineering</b>										
3720	Class 37: Total	2 178	2 377	2 517	2 654	673	647	625	710	753
3731	Measuring, checking and precision instruments and apparatus	1 239	1 433	1 507	1 578	393	391	369	425	436
3732	Medical and surgical equipment and orthopaedic appliances	341	355	370	406	102	100	97	108	110
3733	Spectacles and unmounted lenses	140	143	124	127	29	32	31	35	42
3740	Optical precision instruments	148	166	180	182	51	42	45	45	57
3741	Photographic and cinematographic equipment	193	180	244	272	76	61	62	73	84
3742	Clocks, watches and other timing devices	117	100	92	89	22	21	21	24	24

*Note:* More detailed information can be found in the PQ series of Business Monitors for the activities listed above.

*Source: Department of Trade and Industry*

1. These figures represent the total sales of principal products and special work done of each activity.

Estimates of the sales of principal products of establishments

falling below the employment threshold of the Quarterly *Trade Inquiries* are included. 2. Excluding ferrous and non-ferrous metal foundries AH3111/2, and heat and surface treatment of metals, including sintering AH 3138. 3. Excluding process engineering contractors AH 3245. 4. Figures for this industry have been revised in line with those published in the First Quarter 1986 Business Monitor.

5. Excluding electrical equipment installation AH 3480. 6. Excluding shipbuilding and repairing AH 3610, and cycles and motor cycles, AH 3633/4.

### 10.6 Mechanical, instrument and electrical engineering industries

Seasonally adjusted volume index numbers of sales

1980 Average monthly sales = 100

	Combined engineering			Mechanical engineering			Instrument and electrical engineering <sup>1</sup>		
	Total	Home	Export	Total	Home	Export	Total	Home	Export
1981	91	90	92	87	86	90	94	94	94
1982	93	93	91	88	89	86	98	98	98
1983	95	97	89	82	86	76	108	108	107
1984	102	103	101	85	86	82	121	119	126
1985	108	107	111	89	89	89	130	125	139
1986	110	112	104	90	95	82	130	130	132
1985 October	109	110	109	89	93	84	131	127	141
November	111	112	109	94	94	92	130	130	129
December	112	116	102	93	97	86	131	135	123
1986 January	107	109	104	91	95	84	125	124	129
February	109	114	101	93	98	85	126	129	121
March	120	123	115	102	108	93	140	138	144
April	101	105	94	85	91	76	118	118	117
May	109	112	103	92	99	80	127	124	133
June	108	112	100	90	94	82	127	129	123
July	108	113	98	89	96	78	129	131	124
August	106	111	96	87	91	79	126	130	117
September	110	112	107	88	92	83	134	132	138
October	111	113	107	88	92	81	136	134	142
November	114	116	110	89	93	82	141	138	146
December	111	111	112	88	88	87	137	133	145
1987 January	107	108	105	87	86	87	129	130	128
February	110	111	107	88	89	85	134	133	137
March	112	113	110	87	86	87	140	139	141
April	112	111	114	89	90	88	136	131	148
May	113	114	111	89	91	85	139	136	144

1. Classes 33, 34 and 37 of the Standard Industrial Classification (revised) 1980.

*Source: Department of Trade and Industry*

## 10.7

Mechanical, instrument and electrical engineering industries  
Seasonally adjusted volume index numbers of orders on hand<sup>1</sup>

Orders on hand Average 1980=100

	Combined engineering			Mechanical engineering			Instrument and electrical engineering <sup>2</sup>		
	Total	Home	Export	Total	Home	Export	Total	Home	Export
1982	99	101	96	88	89	85	108	110	105
1983	99	98	101	81	76	88	115	116	113
1984	105	98	116	79	76	85	127	117	144
1985	98	90	111	78	74	87	115	105	133
1986	94	87	105	72	65	83	113	106	125
1987	92	85	102	65	60	74	115	107	128
1986 June	94	89	104	77	73	83	110	103	122
July	93	88	102	74	69	82	111	105	121
August	94	88	103	73	68	81	111	105	122
September	94	89	102	73	69	80	112	106	121
October	93	89	100	71	66	80	111	107	119
November	92	87	101	72	67	81	110	105	120
December	94	87	105	72	65	83	113	106	125
1987 January	94	87	106	73	67	83	112	104	125
February	95	89	105	74	70	81	113	105	125
March	93	88	103	71	67	78	112	105	125
April	93	87	102	72	68	78	111	104	124
May	93	87	103	72	68	78	111	104	125
June	94	87	104	70	65	79	114	106	127
July	93	86	104	70	64	79	113	105	127
August	93	86	105	69	63	80	113	105	127
September	92	85	104	68	62	79	114	106	127
October	92	85	104	66	59	77	115	107	129
November	92	86	103	66	61	75	115	107	128
December	92	85	102	65	60	74	115	107	128
1988 January	93	86	106	65	60	73	118	108	134
February	94	87	106	66	61	75	119	110	134
March	94	86	108	67	61	76	118	108	137

1. End of period.

Source: Department of Trade and Industry

2. Classes 33, 34, 37 of the Standard Industrial Classification (revised 1980).

## 10.8

Mechanical, instrument and electrical engineering industries  
Seasonally adjusted volume index numbers of new orders<sup>1</sup>

1980 Average monthly sales=100

	Combined engineering			Mechanical engineering			Instrument and electrical engineering <sup>2</sup>		
	Total	Home	Export	Total	Home	Export	Total	Home	Export
1981	97	96	98	93	91	97	100	100	101
1982	91	93	85	83	87	78	99	100	96
1983	95	96	94	79	80	78	112	111	115
1984	106	103	110	84	86	81	129	120	148
1985	105	104	108	88	88	90	123	119	131
1986	106	110	98	86	91	79	128	130	123
1986 February	105	108	97	95	102	84	115	115	114
March	113	120	100	92	99	79	136	139	128
April	100	107	85	79	89	62	123	125	116
May	107	115	91	90	106	62	126	124	130
June	108	114	96	90	91	87	127	136	108
July	103	110	90	73	74	72	135	145	114
August	106	111	96	86	93	74	128	130	125
September	110	113	103	87	90	83	134	136	129
October	107	109	102	80	80	79	136	138	131
November	110	106	117	91	94	87	130	119	156
December	110	108	114	82	77	91	140	139	142
1987 January	110	104	122	88	84	95	134	124	157
February	103	108	92	84	95	64	124	122	128
March	98	100	88	69	71	64	126	129	118
April	106	105	107	92	94	87	121	116	134
May	114	112	120	88	92	82	143	131	169

1. Net cancellations.

Source: Department of Trade and Industry

2. Classes 33, 34 and 37 of the Standard Industrial Classification (revised 1980).

## Vehicles

### 10.9 Passenger cars<sup>1</sup>

Monthly totals are for four or five week periods

Deliveries:  
calendar quarters

	Total production (Number)					Production for export					Deliveries <sup>2</sup>	
	Total	1000c.c. and under	Over 1000c.c. and not over 1600c.c.	Over 1600c.c. and not over 2800c.c.	Over 2800c.c.	Total	1000c.c. and under	Over 1000c.c. and not over 1600c.c.	Over 1600c.c. and not over 2800c.c.	Over 2800c.c.	Passen- ger cars	Com- mercial vehicles
1982	887 679	197 153	547 676	97 536	45 314	225 865	65 836	108 164	19 948	31 917	3 050.1	1 330.6
1983 <sup>3</sup>	1 044 597	194 064	723 289	77 504	49 740	237 376	39 639	152 379	10 726	34 632	2 954.7	1 304.4
1984	908 906	161 884	637 868	56 587	52 567	192 213	38 408	108 199	7 251	38 355	3 462.5	1 393.3
1985	1 047 973	183 383	694 876	109 437	60 277	207 671	53 203	98 623	11 446	44 399	4 513.8	1 563.7
1986	1 018 962	162 090	665 093	134 802	56 977	187 556	51 150	71 635	20 522	44 249	5 025.8	1 491.6
1987	1 142 683	153 214	718 046	205 067	66 356	226 197	45 801	76 956	53 841	49 599	6 851.4	1 803.3
1987 April <sup>4</sup>	109 580	16 973	66 383	20 382	5 842	22 592	6 160	6 924	5 047	4 461		
May	83 389	11 089	52 259	15 876	4 165	14 806	2 290	6 153	3 487	2 876	1 717.4	444.5
June	109 103	15 545	66 093	21 225	6 240	17 513	2 618	4 908	5 954	4 033		
July <sup>5</sup>	90 074	11 110	57 580	17 044	4 340	12 167	1 801	3 530	3 820	3 016		
August	76 607	12 083	44 056	14 784	5 684	18 110	3 719	5 082	5 032	4 277	2 003.6	470.2
September	93 039	9 072	60 052	17 948	5 967	16 805	3 211	4 972	3 943	4 679		
October <sup>6</sup>	120 253	16 066	75 236	22 601	6 350	25 199	5 735	8 019	6 311	5 134		
November	83 177	11 674	59 070	16 372	6 061	19 426	3 618	6 330	4 495	4 983	1 451.8	436.1
December	84 228	10 542	54 190	13 450	6 046	17 588	3 944	6 495	2 663	4 486		
1988 January <sup>7</sup>	104 430	11 411	69 830	16 761	6 428	17 800	4 263	6 468	2 639	4 430		
February	88 806	11 448	56 090	15 179	6 089	17 670	4 250	6 381	2 856	4 183		
March	112 893	14 466	71 343	20 808	6 276	17 583	4 175	6 207	2 685	4 516		
April <sup>8</sup>	113 108	12 188	72 502	22 492	5 926	18 384	4 791	6 664	2 821	4 108		
May	105 083	11 360	65 851	21 516	6 356	14 151	2 608	5 074	2 278	4 191		
June	103 915	9 703	64 139	23 974	6 099	11 770	1 695	3 873	2 347	3 855		
July <sup>9</sup>	108 270	11 016	67 550	24 503	5 201	13 777	2 397	5 031	2 817	3 532		

1. Including chassis delivered as such by manufacturers. Taxi-cabs are included.

Source: Department of Trade and Industry

2. Excludes three-wheeled vehicles.

3. 53 weeks.

### 10.10 Commercial motor vehicles

Monthly totals are for four or five week periods

Number

	Total production					Production for export						
	Total	Light Commer- cial vehicles	Gross Vehicle Weight Trucks		Motive units	Buses, coaches and mini-buses	Total	Light Commer- cial vehicles	Gross Vehicle Weight Trucks		Motive units	Buses, coaches and mini-buses
			Under 7.5 tonnes	Over 7.5 tonnes					Under 7.5 tonnes	Over 7.5 tonnes		
1982	268 798	189 094	16 367	43 469	6 761	13 107	92 510	56 789	4 578	24 514	2 139	4 490
1983 <sup>1</sup>	244 514	175 338	12 792	34 850	5 918	15 616	62 801	36 887	2 445	16 117	1 172	6 180
1984	224 825	157 963	13 057	31 945	5 361	16 499	49 808	28 122	1 851	11 458	696	7 681
1985	265 973	195 475	14 601	33 716	6 154	16 027	65 756	41 926	1 718	13 700	643	7 769
1986	228 685	175 825	12 451	22 718	5 351	12 340	49 776	33 396	1 735	7 535	465	6 645
1987	246 728	188 858	15 697	22 834	5 343	13 996	60 736	44 833	2 273	6 317	437	6 876
1987 April <sup>4</sup>	21 746	16 795	1 382	1 826	449	1 294	6 359	5 047	249	385	47	631
May	17 865	13 141	1 060	1 802	334	1 528	5 847	3 990	187	580	55	1 035
June	21 159	16 136	1 260	2 286	410	1 067	5 505	4 214	180	673	36	402
July <sup>5</sup>	19 436	14 894	982	1 810	481	1 269	4 922	3 679	133	466	38	606
August	12 895	9 299	873	1 388	347	987	2 947	1 980	88	328	16	535
September	23 100	17 383	1 544	1 995	391	1 787	5 828	4 011	150	509	37	1 121
October <sup>6</sup>	25 617	19 067	1 781	2 707	622	1 440	5 195	3 543	280	744	26	602
November	23 704	17 755	1 782	2 475	548	1 144	5 222	3 770	194	734	22	502
December	19 105	14 221	1 369	2 081	425	1 009	5 177	3 776	111	660	39	591
1988 January <sup>7</sup>	23 092	17 529	1 640	2 121	567	1 235	5 790	4 385	154	546	20	685
February	17 473	12 252	1 666	2 023	490	1 022	3 976	2 662	215	515	15	569
March	24 373	18 267	1 905	2 201	648	1 343	7 098	5 464	271	596	21	746
April <sup>8</sup>	27 995	21 497	1 794	2 221	593	1 890	7 575	5 930	165	580	22	878
May	27 490	22 044	1 678	2 135	590	1 043	8 193	7 255	145	447	21	325
June	28 248	22 857	1 557	1 868	425	1 541	8 112	6 687	167	402	15	841
July <sup>9</sup>	29 358	24 559	1 234	1 842	519	1 204	8 495	7 417	87	529	15	449

1. 53 weeks.

Source: Department of Trade and Industry

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## 10.11

Merchant shipbuilding<sup>1</sup>: vessels of 100 gross tonnes and over<sup>2</sup>

## Orders on hand and completions

	Orders on hand at end of period <sup>3</sup>						Completions <sup>3</sup>											
	Not yet laid down			Under construction			Total			Export <sup>4</sup>			Total			Export <sup>4</sup>		
	Total	Number	Export <sup>4</sup>	Total	Number	Export <sup>4</sup>	Total	Number	Export <sup>4</sup>	Total	Number	Export <sup>4</sup>	Total	Number	Export <sup>4</sup>			
	Number	Thousand gross tonnes	Number	Thousand gross tonnes	Number	Thousand gross tonnes	Number	Thousand gross tonnes	Number	Thousand gross tonnes	Number	Thousand gross tonnes	Number	Thousand gross tonnes	Number	Thousand gross tonnes		
1982	22	229	13	135	66	761	22	250	67	453	12	104						
1983	13	65	6	41	50	497	18	154	68	540	22	276						
1984 <sup>7</sup>	51	47	3	1	46	254	7	94	56	411	18	140						
1985	14	64	1	1	51	323	7	72	86	225	10	101						
1986	42	132	26	96	32	293	5	44	48	106	5	29						
1987	29	163	18	94	36	142	13	66	43	247	10	53						
1985 1st quarter	28	271	7	72	53	215	6	82	30	69	3	12						
2nd quarter	21	270	3	43	52	207	9	85	29	54	2	32						
3rd quarter	10	114	2	26	56	319	6	75	12	48	4	27						
4th quarter	14	64	1	1	51	323	7	72	15	54	1	30						
1986 1st quarter	11	66	—	—	51	268	9	64	14	65	1	9						
2nd quarter	11	94	—	—	46	264	9	64	10	8	—	—						
3rd quarter	11	100	4	15	43	259	7	53	10	16	2	10						
4th quarter	42	132	26	96	32	293	5	44	14	18	2	10						
1987 1st quarter	33	117	24	85	34	264	7	29	10	49	2	26						
2nd quarter	36	219	26	189	33	149	9	34	11	125	3	1						
3rd quarter	33	219	24	181	36	134	9	21	8	26	3	22						
4th quarter	29	163	18	94	36	142	13	66	14	47	2	5						
1988 1st quarter	28	113	14	46	32	185	16	114	13	15	1	—						
2nd quarter	27	99	10	35	39	198	19	125	7	9	1	—						
New orders and net new orders																		
	New orders <sup>3</sup>			Modifications and cancellations <sup>5</sup>			Net new orders <sup>3</sup>			Total			Export <sup>4</sup>					
	Total	Number	Export <sup>4</sup>	Total	Number	Export <sup>4</sup>	Total	Number	Export <sup>4</sup>	Total	Number	Export <sup>4</sup>	Total	Number	Export <sup>4</sup>			
		Number	Thousand gross tonnes	Number	Thousand gross tonnes	Number	Thousand gross tonnes	Number	Thousand gross tonnes	Number	Thousand gross tonnes	Number	Thousand gross tonnes	Number	Thousand gross tonnes	Number	Thousand gross tonnes	
1982	57	355	21	123	1	-27	—	-19	56	328	21	104						
1983	45	172	12	80	2	-58	1	+13	43	114	11	92						
1984 <sup>7</sup>	90	127	3	1	—	+19	—	+40	90	146	3	41 <sup>8</sup>						
1985	58	291	8	77	4	+6	—	+1	54	297	8	78						
1986	61	146	28	97	4	-1	—	—	57	145	28	96						
1987	37	163	10	112	3	-37	2	-38	34	126	8	74						
1985 1st quarter	18	257	6	71	4	-18	—	—	14	239	6	71						
2nd quarter	21	22	1	6	—	+23	—	—	21	45	1	6						
3rd quarter	5	5	—	—	—	—	—	—	5	5	—	—						
4th quarter	14	7	1	1	—	+1	—	+1	14	8	1	1						
1986 1st quarter	11	12	2	—	—	—	—	—	11	12	2	—						
2nd quarter	7	33	—	—	2	—	—	—	5	33	—	—						
3rd quarter	9	17	4	15	2	—	—	—	7	17	4	15						
4th quarter	34	84	22	81	—	—	—	—	34	84	22	81						
1987 1st quarter	4	4	2	1	1	—	—	—	3	4	2	1						
2nd quarter	13	112	5	109	—	—	—	+1	13	112	5	110						
3rd quarter	8	11	1	—	—	+1	—	—	8	12	1	—						
4th quarter	12	36	2	2	2	-37	2	-39	10	-2	—	-37 <sup>8</sup>						
1988 1st quarter	8	8	—	—	—	—	—	—	8	8	—	—						
2nd quarter	13	8	—	—	—	—	—	—	13	8	—	—						

1. Includes naval vessels registered as merchant ships.

2. Gross tonnes is a constructed measure of the volume of all the enclosed spaces in a vessel except those occupied by engines, bunkers and crew.

3. The total tonnage specified on ordering vessels differs slightly from total actual measured tonnage on completion.

4. Vessels are shown for export if they are for other than UK registration.

5. Modifications include alterations of 500 gross tonnes or more to the tonnage and the country of registration of vessels already on order.

6. Cancellations only.

7. From Q1 1984 gross tonnage conforms to 1969 International Maritime Organisation Convention on tonnage measurement of ships.

8. Modifications and cancellations exceed new orders for the period.

Source: Department of Trade and Industry

# 11 Textiles and other manufactures

## 11.1 Index numbers of textile and clothing industries

Standard Industrial Classification 1980

Seasonally adjusted

1980 = 100

Man-made fibres <sup>1</sup>	Textile industry (production)								Clothing industry (production)							
	All textiles and worsted doubling industry	Woollen and cotton silk system	Spinning and on cotton silk system	Weaving and man-made fibres	Hosiery and goods	Textile finishing	Carpets and floor coverings	All clothing	Weather-proof hats and gloves <sup>2</sup>	Men's and boys' outer-wear	Men's and girls' tailored outer-wear	Women's and men's outer-wear	Work clothes and jeans	Men's and boys' under-wear and night-wear	Women's and girls' shirts, light outerwear	
Activity heading	2600	43	4310	4321	4322	4360	4370	4380	453	4531	4532	4533	4534	4535	4536	
1982	67.9	89.5	86.0	78.4	77.4	94.6	86.8	90.1	93.9	88.6	85.9	93.1	89.3	103.8	97.6	
1983	78.1	91.6	87.1	79.0	73.9	95.2	86.6	100.0	96.9	91.9	88.1	89.2	104.5	104.7	99.8	
1984	78.7	94.1	89.4	77.3	77.5	96.9	86.7	101.0	103.6	92.9	93.2	89.6	120.3	106.9	110.7	
1985	74.1	98.4	93.1	79.5	81.7	99.4	97.3	108.4	110.6	103.7	100.6	94.5	118.1	135.4	115.9	
1986	67.9	98.9	99.0	78.7	80.4	98.9	101.2	110.9	112.2	115.5	103.3	97.5	128.1	136.4	115.2	
1987	63.1	101.1	101.1	82.8	78.7	96.5	110.2	116.5	111.0	110.8	111.6	99.7	126.2	134.9	109.9	
1985																
4th quarter	72.9	99.6	97.1	80.0	82.8	100.5	97.9	107.6	112.4	112.6	105.2	94.5	120.5	143.7	116.0	
1986																
1st quarter	73.8	98.5	96.6	76.4	78.1	101.2	97.5	108.2	110.5	118.6	103.6	92.8	122.4	130.3	113.4	
2nd quarter	69.2	99.6	100.6	85.2	81.9	99.1	98.1	110.3	111.4	115.6	99.6	98.8	127.1	141.6	113.6	
3rd quarter	67.2	97.4	98.5	75.2	81.0	97.9	102.2	112.2	113.8	115.3	105.3	97.5	132.2	134.1	118.5	
4th quarter	61.4	100.1	100.4	78.2	80.5	97.6	107.0	113.0	113.0	112.5	104.6	100.7	130.5	139.6	115.4	
1987																
1st quarter	58.8	99.5	99.8	81.7	80.0	97.3	107.9	113.4	107.9	104.2	105.8	99.7	124.3	127.6	108.9	
2nd quarter	66.4	100.7	101.0	81.8	78.0	94.5	110.5	116.5	110.7	113.3	107.7	103.2	132.3	134.4	108.1	
3rd quarter	62.7	102.4	103.4	84.3	76.8	96.4	113.7	118.7	112.9	115.5	116.0	102.6	123.0	134.6	111.3	
4th quarter	64.5	102.0	100.1	83.6	77.9	97.8	106.8	117.4	112.4	110.3	117.0	93.2	125.2	142.8	111.2	
1988																
1st quarter	63.6	100.6	96.3	81.6	76.3	93.7	106.0	120.0	105.5	117.3	107.7	79.9	136.0	123.9	103.3	

1. In addition to the sectors listed, this includes throwing, texturizing, etc. of continuous filament yarn; spinning and weaving of flax, hemp and ramie; jute and polypropylene yarns and fabrics, and miscellaneous textiles (i.e. lace; rope, twine and net; narrow fabrics and other miscellaneous textiles).  
 2. In addition to the sectors listed, this includes hats, caps and millinery; gloves, other dress industries (i.e. swimwear and foundation garments; umbrellas and miscellaneous industries).

Source: Department of Trade and Industry

## 11.2 Cotton

Stocks: end of period

Raw cotton	Thousand tonnes				Million metres				
	Home consumption		Yarn production <sup>1</sup>		Woven cloth production <sup>1</sup>				
	Stocks	Total	Single yarn <sup>2</sup>	Doubled yarn	Cotton	Man-made fibres and mixtures <sup>4</sup>			
Cotton spinning			Total	Cotton (excluding waste yarns)	Cotton waste yarns	Spun man-made fibres and mixture yarns <sup>3</sup>			
1982	45.21	5	1.82	0.81	0.17	0.84	0.66	5.0	4.8
1983	45.03	5	1.87	0.79	0.17	0.91	0.59	4.9	4.4
1984	44.38	4	1.85	0.73	0.18	0.94	0.57	5.1	4.6
1985	44.27	4	1.90	0.74	0.18	0.98	0.63	5.3	4.9
1986	47.13	3	1.89	0.75	0.16	0.97	0.60	5.2	4.9
1987	51.09	4	2.02	0.80	0.17	1.04	0.60	4.7	5.0
1987 July	3.58	5	1.74	0.79	0.15	0.80	0.48	2.9	3.5
August	4.48	5	2.17	0.90	0.18	1.09	0.63	5.0	5.0
September	3.68	4	1.85	0.72	0.15	0.98	0.57	4.3	4.7
October	4.65	5	2.30	0.92	0.19	1.19	0.69	5.3	5.6
November	4.66	4	2.31	0.92	0.19	1.20	0.70	5.3	5.8
December	4.35	4	1.62	0.63	0.14	0.86	0.50	3.6	4.1
1988 January	3.90	4	2.23	0.88	0.19	1.16	0.70	5.0	5.5
February	4.31	3	2.23	0.89	0.18	1.16	0.66	4.9	5.4
March	4.64	3	2.07	0.84	0.17	1.06	0.64	4.6	5.1
April	3.46	4	1.76	0.67	0.14	0.96	0.62	4.0	5.0
May	4.20	4	1.74	0.68	0.15	0.91	0.59	3.9	4.5
June	2.36	4	1.23	0.36	0.13	0.74	0.53	4.5	4.9
July	2.99	5							

1. Weekly averages. 2. Spun in the cotton industry. 3. Including other waste yarn. 4. Including synthetic fibres.

Source: Department of Trade and Industry

## 11.3

## Man-made fibre and wool

Monthly averages or calendar months

	Thousand tonnes						Million square metres			Blankets	
	Man-made fibre (rayon, nylon, etc.)			Other fibres <sup>1</sup>	Wool tops	Woollen yarn	Worsted yarn	Woven wool and mixture fabrics			
	Production		Deliveries					Total	Woollen		
	Total	Continuous filament yarn (single)	Staple fibre	Consumption	Production						
1982	27.80	7.44	20.36	2.91	2.88	4.4	5.13	8.36	4.05	4.31	0.78
1983	32.44	8.55	23.89	2.97	2.90	4.7	5.42	7.83	3.86	3.97	0.70
1984	31.94	8.54	23.40	2.71	3.22	5.0	5.51	7.56	3.39	4.17	0.77
1985	27.52	8.26	19.26	2.74	3.45	5.4	5.77	7.58	3.52	4.06	0.74
1986	24.00	8.40	15.60	2.76	3.39	6.1	6.25	7.76	3.93	3.84	0.58
1987	22.23	8.25	13.97	2.85	3.35	6.4	6.61	7.53	4.00	3.53	0.56
1987 July	21.03	7.23	13.81	2.43	3.86	5.34	6.17	7.62	3.80	3.82	0.42
August	17.16	6.80	10.35	2.52	2.02	6.15	5.62	6.52	3.62	2.90	0.47
September	21.46	8.01	13.45	2.85	3.61	6.51	6.78	7.52	4.20	3.32	0.55
October	25.60	9.03	16.57	3.03	3.48	7.00	7.24	7.39	3.92	3.47	0.60
November	21.68	8.68	13.00	3.03	3.56	6.75	7.21	7.64	3.88	3.76	0.62
December	19.43	7.70	11.73	2.58	3.01	5.98	6.29	6.25	3.41	2.84	0.56
1988 January	25.01	9.46	15.54	2.92	3.61	6.64	6.77	7.19	3.70	3.49	0.62
February	22.22	8.98	13.24	2.96	3.49	6.92	6.58	7.71	3.96	3.75	0.65
March	26.50	9.40	17.10	3.18	3.53	7.34	7.11	8.08	4.51	3.57	0.68
April	23.40	9.31	14.09	2.63	3.42	6.38	5.79	7.23	4.17	3.06	0.57
May	22.69	9.04	13.65	2.67	3.28	6.58	6.18	7.73	4.26	3.47	0.62
June	22.40	8.11	14.29	2.83	3.20	6.79	6.13	7.88	4.34	3.54	0.57
July	23.31	7.36	15.95								

1. All fibres (other than virgin wool) used in woollen spinning and felting, and hair used in the making of tops.

Source: Department of Trade and Industry

11.4 Hosiery and other knitted goods<sup>1</sup>

Monthly averages

Millions

	Underwear <sup>2</sup>			Pullovers, jumpers, cardigans, etc. <sup>2</sup>			Socks and stockings (pairs)					
	Men's	Women's	Children's and infants'	Men's	Women's	Children's and infants'	Men's	Women's full-length stockings	Women's tights and pantyhose	Women's ankle socks and 4-hose	Children's and infants' socks, 4-hose and stockings	
1981	4.19	5.08	2.58	2.46	4.01	2.35	8.49	2.96	34.81	2.93	7.47	
1982	3.98	4.91	2.63	2.65	3.95	2.25	8.57	2.82	35.31	3.48	8.17	
1983	4.02	4.72	2.63	2.70	3.65	2.09	9.11	3.45	37.20	2.83	7.72	
1984	3.91	4.81	2.28	2.77	3.49	2.03	9.63	3.98	34.46	2.52	7.92	
1985	3.11	3.35	1.53	2.93	3.27	1.65	10.03	4.61	37.80	2.79	7.56	
1986	3.06	3.86	2.07	3.08	3.14	1.59	10.78	4.68	37.64	3.16	7.81	
1987	2.35	3.37	1.78	3.01	3.31	1.65	9.36	4.25	38.64	3.84	7.82	
1985 1st quarter	2.53	3.26	1.52	2.35	2.90	1.38	8.27	4.34	35.11	2.47	9.05	
2nd quarter	2.81	3.16	1.48	2.40	2.78	1.36	9.26	4.46	34.34	2.48	7.96	
3rd quarter	3.14	3.19	1.51	3.14	3.50	1.99	10.57	3.99	32.37	2.54	6.64	
4th quarter	3.95	3.80	1.62	3.84	3.91	1.85	12.01	5.63	49.37	3.67	6.60	
1986 1st quarter	2.80	3.40	1.62	2.66	2.80	1.37	8.83	4.33	36.40	3.56	8.24	
2nd quarter	2.80	3.48	1.98	2.40	2.46	1.45	10.30	3.79	36.20	3.80	8.33	
3rd quarter	2.90	3.61	2.32	3.32	3.53	1.77	10.96	4.09	31.77	2.18	7.09	
4th quarter	3.73	4.64	2.39	3.95	3.78	1.76	13.02	6.50	46.20	3.08	7.60	
1987 1st quarter	2.31	3.44	1.80	2.46	2.98	1.28	7.89	4.25	37.22	3.43	7.74	
2nd quarter	2.37	3.14	1.57	2.47	2.68	1.60	7.86	4.62	37.56	3.11	8.38	
3rd quarter	1.81	3.12	1.42	3.53	3.48	1.75	9.27	3.85	34.84	4.57	7.33	
4th quarter	2.92	3.78	2.34	3.59	4.10	1.98	12.44	4.25	44.94	4.24	7.86	
1988 1st quarter	1.22	2.80	1.85	2.42	2.49	1.36	8.42	4.59	39.17	4.30	9.15	

1. Manufacturers' sales by establishments employing 25 or more persons.

2. Including garments made-up from knitted fabrics of all types by establishments engaged in knitting, except those engaged in warp knitting.

Source: Department of Trade and Industry

## Footwear and timber

### 11.5 Manufacturers' sales of footwear<sup>2</sup>

Quarterly averages and quarterly totals

Million pairs

	Total	With leather uppers					With uppers other than of leather	Slippers, etc.	Plastic protective footwear <sup>1</sup>	Safety footwear (all types)
		Total	Men's	Women's	Children's	Sports shoes				
1983	31.4	14.5	3.8	5.5	4.3	0.9	7.4	7.3	1.0	1.2
1984	32.2	14.5	3.8	5.6	4.4	0.7	7.9	7.5	1.0	1.3
1985	32.2	14.1	4.0	5.2	4.2	0.7	8.9	6.7	1.2	1.3
1986	32.2	13.8	3.9	5.2	4.0	0.7	9.5	6.4	1.2	1.3
1987	31.5	13.9	3.8	5.4	3.9	0.7	9.4	5.7	1.1	1.4
1983 4th quarter	33.2	13.6	4.1	5.2	3.6	0.7	7.1	10.2	1.2	1.3
1984 1st quarter	30.7	16.1	3.9	6.5	5.1	0.6	8.7	3.8	0.7	1.4
2nd quarter	27.9	13.8	3.6	4.8	4.6	0.8	7.9	4.7	0.4	1.1
3rd quarter	33.0	14.0	3.5	5.4	4.4	0.7	7.0	9.6	1.3	1.1
4th quarter	36.3	13.7	4.1	5.5	3.5	0.6	7.8	11.9	1.5	1.4
1985 1st quarter	30.9	15.6	4.1	5.8	5.0	0.7	9.6	3.3	1.0	1.4
2nd quarter	28.0	13.4	3.8	4.5	4.3	0.8	8.6	4.2	0.6	1.2
3rd quarter	34.5	13.9	3.8	5.2	4.2	0.7	8.4	9.4	1.6	1.2
4th quarter	35.5	13.3	4.3	5.3	3.2	0.5	8.9	10.1	1.7	1.5
1986 1st quarter	31.4	16.3	4.2	6.2	5.1	0.8	9.8	3.2	0.7	1.4
2nd quarter	26.9	12.9	3.8	4.4	4.0	0.7	8.7	3.8	0.3	1.2
3rd quarter	34.5	13.2	3.6	5.0	4.0	0.6	9.4	8.5	2.2	1.2
4th quarter	35.9	12.7	4.0	5.1	3.0	0.6	10.1	10.2	1.5	1.4
1987 1st quarter	31.6	15.0	4.0	6.1	4.2	0.7	10.5	3.5	1.1	1.5
2nd quarter	26.8	12.9	3.4	4.7	4.1	0.7	8.7	3.5	0.5	1.2
3rd quarter	32.9	14.1	3.5	5.6	4.3	0.7	8.8	7.2	1.5	1.3
4th quarter	34.6	13.3	4.2	5.2	3.3	0.6	9.7	8.6	1.4	1.6
1988 1st quarter	30.7	15.1	4.5	5.6	4.3	0.7	11.2	2.2	0.7	1.5

1. Commencing with the first quarter in 1982 rubber protective footwear is included with plastic protective footwear.

Source: Department of Trade and Industry

2. The figures relate to sales by establishments employing 50 or more persons as from first quarter 1985.

### 11.6 Softwood, hardwood and wood chipboard

Monthly averages calendar months or totals for four or five week periods

Stocks: end of period

Thousand cubic metres					
Imported softwood		Imported hardwood		Wood chipboard <sup>2</sup>	
Deliveries	Stocks <sup>1</sup>	Deliveries	Stocks <sup>1</sup>	Production	Stocks home produced
1982	520	1 494	62	232	42.9 <sup>3</sup>
1983	575	1 729	79	272	43.2
1984	554	1 765	70	271	45.1
1985	536	1 435	69	249	60.7
1986	584	1 429	71	241	47.8
1985 August	586	1 560	86	249	44.0
September	537	1 521	59	249	70.1 *
October	624	1 517	83	249	62.7
November	611	1 429	65	246	64.6
December	421	1 435	56	249	56.6 *
1986 January	516	1 402	76	251	
February	490	1 366	56	254	
March	493	1 327	61	250	
April	568	1 369	84	245	
May	609	1 419	69	237	
June	656	1 402	68	237	
July	754	1 436	76	229	
August	513	1 459	59	238	
September	625	1 485	80	238	
October	666	1 449	72	238	
November	550	1 438	80	237	
December	569	1 429	74	241	
1987 January	..	..	73	245	

1. Importers' stock only.

2. From the beginning of 1986, figures for wood chipboard are no longer available.

3. 53-week year.

Sources: Department of Trade and Industry  
Timber Trade Federation

## 11.7

## Plywood, mining timber and domestic furniture

Monthly averages, quarterly totals, calendar months or totals for four or five week periods

Stocks: end of period

	Thousand cubic metres								1980=100	£million	Ave. 1980=100
	Imported particle board		Imported plywood		Mining timber				Domestic furniture (excl. beds and mattresses)		
	Deliveries	Stocks	Deliveries	Stocks	Production			Seasonally adjusted index of deliveries	Total deliveries <sup>2</sup>	Seasonally adjusted Index of orders on hand: end of month or centred average	
					Total	Sawn	Round				
1983	128	70	89	191	45	35	10	88	89	93	
1984	136	73	85	212	15	11	4	85	94	86	
1985	138	62	91	163	33	26	8	87	103	101	
1986	...	...	93	247	35	28	7	90	112	110	
1987	...	...	...	...	30	25	5	92	128	125	
1987 January	...	...	...	...	...	...	...	87	111	111	
February	...	...	...	...	103	84	20	93	124	116	
March	...	...	...	...	...	...	...	85	128	119	
April	...	...	...	...	85	70	15	99	130	126	
May	...	...	...	...	...	...	...	89	101	128	
June	...	...	...	...	...	...	...	91	133	129	
July	...	...	...	...	79	65	14	100	123	129	
August	...	...	...	...	...	...	...	90	101	134	
September	...	...	...	...	...	...	...	91	142	139	
October	...	...	...	...	...	...	...	95	159	126	
November	...	...	...	...	97	81	16	94	154	124	
December	...	...	...	...	...	...	...	92	125	120	
1988 January	...	...	...	...	84	71	13	96	127	124	
February	...	...	...	...	...	...	...	94	143	132	
March	...	...	...	...	...	...	...	96	165	129	
April	...	...	...	...	...	...	...	98	128	129	
May	...	...	...	...	...	...	...	117	147	127	
June	...	...	...	...	...	...	...	84	132	124	

1. Importers' stock only.

2. Deliveries are by manufacturers employing 35 or more people.

Sources: Department of Trade and Industry  
Timber Trade Federation  
British Coal

## 11.8

Paper and board<sup>1</sup>

Weekly averages Stocks: end of period

Thousands tonnes

	Paper				Board other than building board			
	Production	Imports	Exports	Stocks <sup>2</sup>	Production	Imports	Exports	Stocks <sup>2</sup>
1983	50.1	73.6	6.4	152.4	13.3	8.7	1.4	35.4
1984	55.4	77.0	8.1	172.7	13.6	9.6	1.8	32.3
1985	57.1	78.6	8.8	200.7	13.7	9.8	1.9	32.8
1986	61.2	80.5	9.8	194.8	14.3	10.8	2.0	37.1
1987	65.5	89.0	10.8	192.0	14.9	12.5	2.9	31.4
1987 January	54.7	76.0	8.1	188.5	13.7	11.2	2.3	35.3
February	69.4	85.4	12.1	176.5	16.2	12.0	3.4	36.3
March	67.6	85.3	11.5	173.6	15.6	12.0	3.0	36.6
April	66.3	88.2	10.8	180.8	15.3	12.2	3.2	37.7
May	68.8	92.7	10.3	186.9	15.2	12.1	2.8	39.9
June	69.2	84.4	12.7	192.7	15.1	13.9	3.3	37.0
July	61.8	83.6	12.1	181.4	13.2	12.5	2.8	31.9
August	57.8	95.1	7.4	181.0	14.1	12.7	1.9	35.4
September	67.9	97.7	10.9	188.0	14.9	13.5	2.6	33.3
October	70.5	98.2	11.0	188.0	16.5	13.6	3.2	30.9
November	70.5	91.0	11.7	183.9	16.3	13.9	3.0	30.3
December	60.6	87.5	11.3	192.0	12.6	9.9	2.6	31.4
1988 January	59.5	85.8	8.3	180.7	13.8	14.0	1.8	30.4
February	70.1	95.7	10.9	183.0	15.6	13.8	2.7	30.5
March	71.6	97.7	12.9	186.0	14.3	15.4	2.8	31.0
April	70.2	84.9	11.5	199.0	16.7	13.7	2.8	33.5
May	71.9	93.1	11.5	203.7	15.2	12.7	2.6	33.8

1. Monthly statistics in detail are published in Business Monitor PM4710, Pulp, paper and board.

2. Stocks held by manufacturers only.

3. 53-week year.

Source: Department of Trade and Industry

## 11.9 Paper-making materials and woodpulp

Quarters or quarterly averages for consumption

Thousand tonnes

	Paper-making materials other than woodpulp							Woodpulp			Pulp other than woodpulp	
	Total paper equivalent	Waste paper <sup>1</sup>			Rags, waste, ropes, etc. <sup>2</sup>	Pulpwood	Esparto and other vegetable fibres	Mech- anical	Chemical (incl. semi- chemical) <sup>3</sup>			
		Mixed paper	Container waste	New kraft liner corrugated grades								
<b>Consumption</b>												
1983	438.0	145.4	129.8	64.2	119.0	2.0	120.0	4.7	24.6	294.7	1.3	
1984	486.5	138.8	151.5	69.4	141.4	2.4	151.6	5.0	54.3	312.5	1.8	
1985	518.9	137.5	161.6	69.0	148.7	2.1	202.5	5.3	44.0	308.4	1.7	
1986	560.5	147.0	160.6	75.3	156.1	2.0	263.9	4.7	43.6	328.6	2.9	
1987	600.2	146.0	188.9	75.0	166.6	2.4	283.1	5.3	36.7	351.3	2.1	
1983 1st quarter	462.5	160.5	131.1	70.1	125.8	2.3	118.4	5.0	23.5	303.9	1.2	
2nd quarter	451.8	152.5	128.4	68.8	123.8	2.0	122.0	5.0	21.8	304.2	1.4	
3rd quarter	398.4	123.7	121.9	56.2	113.1	1.6	114.4	4.1	21.9	281.3	1.1	
4th quarter	439.3	145.0	137.8	61.6	113.2	2.2	125.1	4.4	31.2	289.2	1.4	
1984 1st quarter	498.5	154.4	153.8	70.0	132.3	2.5	162.7	4.3	46.3	336.7	1.5	
2nd quarter	504.1	151.0	150.9	66.8	146.3	2.4	167.2	5.1	50.9	311.7	1.6	
3rd quarter	445.6	123.8	136.1	65.8	137.0	2.2	129.7	5.0	62.2	293.1	1.7	
4th quarter	497.8	126.2	165.1	74.9	150.0	2.6	146.8	5.6	57.9	308.5	2.3	
1985 1st quarter	525.7	145.5	171.7	73.3	147.7	2.4	171.3	5.7	49.9	322.6	1.6	
2nd quarter	532.2	145.4	174.4	70.1	153.6	2.3	177.1	5.3	52.6	318.6	1.8	
3rd quarter	499.9	127.1	147.5	61.3	145.0	1.7	234.3	5.1	39.7	285.4	1.6	
4th quarter	517.6	132.1	152.8	71.2	148.4	2.2	227.3	5.0	34.0	307.0	1.9	
1986 1st quarter	552.0	143.5	157.9	76.4	150.6	2.3	264.5	5.2	42.0	320.0	2.3	
2nd quarter	570.7	150.0	162.7	79.3	157.3	2.0	267.4	4.8	48.5	341.6	4.1	
3rd quarter	541.8	143.3	149.7	70.8	155.6	1.7	259.3	4.4	44.4	307.7	2.5	
4th quarter	577.3	151.3	172.0	74.7	160.8	2.1	264.1	4.3	39.3	344.9	2.6	
1987 1st quarter	585.0	140.5	183.5	75.7	156.2	2.4	288.7	6.2	37.2	358.7	2.1	
2nd quarter	617.7	152.2	195.1	79.3	169.3	2.5	286.3	5.2	36.4	364.1	2.5	
3rd quarter	592.9	149.2	189.3	67.8	167.4	1.9	272.2	4.7	36.1	333.4	1.8	
4th quarter	604.9	142.3	187.8	77.2	173.7	2.7	285.4	5.2	37.0	349.2	2.0	
1988 1st quarter	616.6	136.3	202.3	81.7	178.0	0.9	278.7	6.8	43.0	357.3	2.4	
<b>Stocks at end of period</b>												
1977	317.5	134.5	52.3	34.0	41.5	7.7	230.9	6.5	28.7	174.7	1.7	
1978	274.5	133.0	54.7	24.5	40.7	7.7	136.5	7.7	35.1	215.2	4.7	
1979	224.8	105.5	40.9	21.6	66.2	6.1	118.4	7.3	34.0	186.9	3.1	
1980	177.2	70.3	47.8	15.1	32.5	2.4	89.1	3.0	17.1	143.3	1.7	
1983 1st quarter	135.0	40.3	47.3	14.9	40.4	2.7	26.5	4.4	11.7	126.6	0.8	
2nd quarter	115.9	39.5	30.7	10.8	40.8	3.2	21.3	5.2	11.1	135.2	0.5	
3rd quarter	125.0	46.4	36.0	16.4	35.5	2.9	18.7	4.2	17.4	138.9	0.7	
4th quarter	129.1	42.2	37.7	18.0	38.0	2.5	27.9	3.5	19.9	134.5	0.7	
1984 1st quarter	111.1	41.4	23.1	14.0	33.9	5.0	25.1	6.4	16.7	135.5	0.9	
2nd quarter	80.7	19.8	14.4	12.7	25.5	2.0	41.5	5.3	23.2	135.9	1.1	
3rd quarter	93.2	20.6	22.8	13.0	29.2	2.7	44.1	4.7	23.7	138.2	0.7	
4th quarter	105.0	24.7	31.4	12.5	33.1	3.1	39.5	4.0	33.4	122.0	0.6	
1985 1st quarter	98.8	21.0	29.3	12.3	37.4	3.2	25.9	4.3	27.5	104.4	1.0	
2nd quarter	132.6	19.0	31.8	13.3	53.2	3.4	75.7	5.4	21.2	95.8	1.0	
3rd quarter	181.2	35.3	44.3	19.9	65.2	3.7	96.4	6.1	7.7	104.5	0.5	
4th quarter	208.9	45.4	54.8	20.9	73.3	2.9	103.3	6.9	21.6	99.7	0.8	
1986 1st quarter	200.1	50.2	57.5	18.6	67.9	2.4	81.8	6.4	21.8	97.9	2.9	
2nd quarter	209.1	53.2	57.0	15.6	68.1	2.7	105.1	7.1	22.0	109.0	1.0	
3rd quarter	218.3	51.1	70.5	18.7	67.7	2.6	103.2	6.6	22.5	109.4	0.7	
4th quarter	213.5	51.9	75.1	19.3	60.8	1.7	89.9	6.0	19.6	114.1	0.7	
1987 1st quarter	200.6	46.7	66.1	21.2	61.5	1.6	82.0	6.1	20.3	117.6	1.2	
2nd quarter	197.4	42.7	55.5	20.9	66.2	1.8	97.2	5.1	23.7	117.4	1.1	
3rd quarter	193.1	43.6	57.8	27.1	61.4	2.2	76.9	3.5	16.4	114.7	1.3	
4th quarter	197.6	43.7	69.2	24.6	63.4	1.7	65.6	2.7	19.7	107.3	0.8	
1988 1st quarter	205.9	42.5	59.7	26.4	58.8	1.1	117.1	4.6	21.5	111.1	1.0	

1. Monthly statistics on waste paper are published in *Business Monitor PM 4710, Pulp, paper and board*. Source: *Department of Trade and Industry*

2. Including home-grown pulpwood, wood waste, chippings and rejected pit props.

3. Excluding dissolving grades.

4. 53-week year; quarterly averages are 13-week quarters.

5. 14-week quarterly total.

## 11.10

## Rubber products and synthetic rubber

Quarterly averages or totals for quarter

	£ million							Thousand tonnes		
	UK Manufacturers, sales									
	Rubber products							Synthetic rubber		
	Total <sup>1</sup>	New tyres	Retreads	Tubes <sup>2</sup>	Belting	Hose/tubing	Other products	Solid	Latex	Total
1981	370.7	147.1	10.2	6.0	25.8	31.7	149.9	35.0	20.3	55.3
1982	361.4	143.6	9.5	6.6	28.5	31.8	141.4	36.6	16.0	52.6
1983	377.5	152.2	11.8	5.5	26.1	30.7	151.2	36.3	16.1	62.4
1984	384.7	152.2	13.4	5.7	22.0	31.5	159.9	41.5	17.8	59.3
1985	420.6	165.6	14.0	4.9	22.3	36.2	177.6	40.6	14.6	55.2
1986	453.8	185.6	14.4	2.7	22.3	38.2	190.7	45.7	14.9	60.6
1987	506.6	217.9	15.8	2.8	22.3	40.9	206.9	44.6	16.7	61.3
1984 3rd quarter	365.9	146.4	14.9	5.8	19.4	27.6	151.8	37.7	15.5	53.2
4th quarter	389.8	154.3	13.5	6.6	17.9	33.2	164.3	42.6	19.6	62.2
1985 1st quarter	444.6	190.6	14.3	6.7	19.5	35.2	178.3	41.4	18.0	59.4
2nd quarter	437.2	179.9	14.5	5.9	25.1	37.6	174.2	43.2	14.2	57.4
3rd quarter	381.7	136.7	13.4	3.6	21.7	36.0	170.3	37.2	13.3	50.5
4th quarter	418.7	155.1	13.7	3.5	22.8	36.0	187.6	40.6	12.9	53.5
1986 1st quarter	446.3	177.2	12.1	2.9	24.0	38.8	191.3	46.3	14.7	61.0
2nd quarter	457.3	189.9	15.3	2.8	25.3	38.4	185.6	47.1	14.8	61.9
3rd quarter	419.7	169.7	15.6	2.5	18.0	36.3	177.6	41.8	13.8	55.6
4th quarter	492.2	205.5	14.9	2.5	21.8	39.5	208.2	47.6	16.3	63.9
1987 1st quarter	510.6	223.1	14.9	2.5	22.2	40.3	207.6	44.7	15.4	60.1
2nd quarter	509.3	226.1	16.5	3.0	20.8	42.4	200.4	48.0	16.3	64.3
3rd quarter	480.8	203.5	16.3	2.8	21.5	39.2	197.5	38.2	17.1	55.3
4th quarter	525.8	218.6	15.7	2.7	24.8	41.5	222.5	47.6	17.9	65.5
1988 1st quarter	565.4	244.8	16.9	2.4	24.6	43.2	229.4	50.0	20.3	70.3
2nd quarter	...	223.3	17.1	4.4	...	...	...	52.3	20.2	72.5

1. From Q1 1983 total sales consist of Activity Headings 2569, 4811, 4812 and 4820 (formerly Minimum List Heading 491).

Source: Department of Trade and Industry

2. Includes repair kits/materials and moulded solid rubber tyres with or without metallic bondings.

## 11.11

Manufacturers' sales of domestic pottery and brushes<sup>1</sup>

Quarterly averages or totals for quarters

£ thousand

	Pottery			Brushes and brooms				Decorating	Toilet	Household	Other
	Earthenware, Jet and Rockingham	China	Stoneware	Decorating	Toilet	Household	Other				
1982	32 242	31 422	4 207	4 119	5 170	2 958	5 284				
1983	37 349	33 977	3 761	4 303	5 343	3 209	6 028				
1984	42 917	40 669	3 838	4 880	5 386	3 295	6 474				
1985	48 705	48 245	4 013	4 920	6 170	3 164	6 713				
1986	54 147	48 150	3 918	4 916	6 506	3 090	7 094				
1987	56 456	49 382	3 841	5 246	6 963	3 669	7 482				
1984 3rd quarter	41 416	39 978	4 025	5 334	5 253	3 247	6 519				
4th quarter	48 172	45 237	3 908	4 902	5 498	3 124	6 583				
1985 1st quarter	48 184	45 731	3 748	4 518	5 276	3 423	6 717				
2nd quarter	45 959	46 119	3 671	5 099	6 528	3 268	6 405				
3rd quarter	45 475	47 097	4 106	5 384	6 553	2 954	7 003				
4th quarter	55 203	54 032	4 528	4 678	6 325	3 011	6 727				
1986 1st quarter	52 128	50 924	3 314	4 120	5 623	3 124	7 036				
2nd quarter	54 521	49 746	3 861	5 380	6 626	2 915	7 169				
3rd quarter	48 893	40 683	3 956	5 370	6 870	3 237	6 994				
4th quarter	61 047	51 248	4 520	4 796	6 903	3 085	7 177				
1987 1st quarter	52 880	47 061	4 012	4 630	6 050	3 362	7 421				
2nd quarter	59 489	48 108	3 070	5 445	6 468	3 603	7 222				
3rd quarter	54 808	44 566	3 978	5 904	7 868	3 855	7 803				
4th quarter	58 594	57 795	4 303	5 006	7 469	3 645	7 480				
1988 1st quarter	61 352	54 938	4 108	5 606	7 034	4 094	8 341				

1. Sales are by UK manufacturers employing 50 or more people.

Source: Department of Trade and Industry

Other manufactures

11.12 Manufacturers' sales of floorcoverings

Quarterly averages or totals for quarters

Thousand square metres

	Carpets and rugs all types		Woven carpets			Tufted carpets		Linoleum and plastics	
	Total <sup>1,2</sup>	of which for export	Faced with yarn containing 50 per cent or more by weight of wool		Total <sup>2</sup>	of which for export	Total	of which for export	
			Faced with all other yarn						
1982	32 829	4 254	3 195	683	1 607	255	25 361	2 527	8 718
1983	36 786	3 983	3 250	687	1 938	277	28 381	2 135	9 137
1984	35 382	4 409	3 425	702	1 685	317	26 996	2 370	10 231
1985	37 559	5 190	3 674	829	1 327	276	28 770	3 186	9 979
1986	37 774	5 316	3 833	772	1 140	253	28 790	3 425	9 863
1987	40 322	5 374	3 866	748	1 071	272	30 654	3 382	
1978 4th quarter	46 599	9 474	5 500	1 263	4 999	1 206	32 796	6 640	16 566
1979 1st quarter	42 217	7 520	4 798	1 076	4 318	923	29 741	5 234	15 309
2nd quarter	45 465	8 437	4 505	1 187	4 688	1 129	33 020	5 866	15 560
3rd quarter	42 213	7 042	4 177	999	4 133	1 113	30 812	4 610	14 326
4th quarter	43 049	7 511	4 901	903	4 244	1 035	30 493	5 285	13 447
1980 1st quarter	38 443	6 490	4 670	999	3 281	753	26 949	4 417	14 145
2nd quarter	33 481	5 571	3 308	939	2 675	614	24 299	3 759	12 425
3rd quarter	36 032	4 838	3 157	802	2 647	525	27 409	3 171	12 277
4th quarter	37 884	4 759	3 542	825	3 081	374	28 229	3 304	12 475
1981 1st quarter	35 223	...	3 297	...	2 415	...	26 261	...	11 764
2nd quarter	34 580	...	3 100	...	2 061	...	26 549	...	11 029
3rd quarter	32 067	...	3 168	...	1 914	...	24 236	...	10 145
4th quarter	36 275	4 647	3 649	689	2 328	312	27 418	3 346	9 027
1982 1st quarter	30 766	4 748	3 297	752	1 220	255	23 402	3 135	9 347
2nd quarter	30 834	4 264	2 972	737	1 276	244	24 180	2 483	8 822
3rd quarter	32 068	3 512	3 061	602	1 763	251	24 701	1 885	8 447
4th quarter	37 648	4 491	3 449	639	2 168	296	29 159	2 579	8 254
1983 1st quarter	34 836	3 949	3 268	638	1 855	225	26 280	2 159	9 189
2nd quarter	36 967	3 897	3 033	644	1 948	259	29 091	2 028	9 320
3rd quarter	35 028	3 806	3 057	682	1 835	222	26 960	2 103	9 011
4th quarter	40 313	4 281	3 642	780	2 113	405	31 195	2 252	9 027
1984 1st quarter	33 429	4 255	3 321	750	1 849	244	24 727	1 936	10 252
2nd quarter	32 844	4 406	3 135	741	1 460	323	25 034	2 488	9 705
3rd quarter	34 167	3 838	3 284	622	1 571	294	26 034	2 080	10 185
4th quarter	41 088	5 140	3 960	695	1 861	408	32 190	2 975	10 780
1985 1st quarter	36 042	5 120	3 428	719	1 366	309	27 303	3 268	9 792
2nd quarter	37 236	5 572	3 564	881	1 324	251	28 694	3 664	10 282
3rd quarter	36 715	4 571	3 558	799	1 189	219	28 238	2 560	9 936
4th quarter	40 243	5 488	4 144	918	1 427	323	30 844	3 244	9 904
1986 1st quarter	35 061	4 673	3 499	741	1 120	256	26 475	2 834	9 783
2nd quarter	37 063	6 322	3 751	736	1 040	241	28 523	4 581	9 767
3rd quarter	36 687	4 816	3 814	750	1 071	260	27 863	2 973	9 913
4th quarter	42 271	5 454	4 268	862	1 310	257	32 298	3 314	10 019
1987 1st quarter	37 041	5 029	3 469	783	901	192	28 082	3 038	10 036
2nd quarter	39 532	5 419	3 617	713	1 059	220	30 377	3 517	10 661
3rd quarter	39 445	5 064	3 892	676	1 084	231	29 847	3 289	11 081
4th quarter	45 260	5 982	4 484	819	1 238	444	34 311	3 682	10 705
1988 1st quarter	40 567	...	4 159	...	1 092	...	29 713	...	12 242

1. Includes needleloom carpets.

2. Excludes spool Axminster for 1st and 2nd quarters of 1982.

3. Figures relate to sales by UK manufacturers employing 100 or more persons from Q1 1981 replacing the previous employment level of 25.

Source: Department of Trade  
and Industry

# 12 Construction

## 12.1 Value and volume of output<sup>1</sup>

Great Britain

£ million

	Value of output										Volume of output 1985=100 seasonally adjusted	
	Total all work	Total new work	New housing for		Other new work for		Total repair and main- tenance	Repair and maintenance				
			Public sector	Private sector	Public sector	Private sector		Industrial	Commercial	Public sector	Private sector	
1984	26 203	14 192	1 077	3 831	3 833	2 342	3 110	12 011	6 251	3 746	2 014	98.9
1985	27 850	14 921	918	3 848	3 786	2 848	3 520	12 930	6 809	3 800	2 321	100.0
1986	30 123	16 286	842	4 697	3 888	2 632	4 226	13 837	7 427	3 768	2 642	103.3
1987	34 580	19 066	933	5 812	3 870	3 204	5 247	15 515	8 360	4 042	3 112	111.4
1984 3rd quarter	6 949	3 772	275	972	1 043	664	820	3 177	1 650	993	534	99.6
4th quarter	6 626	3 579	257	954	923	658	787	3 047	1 531	966	550	98.6
1985 1st quarter	6 558	3 419	224	917	870	645	763	3 139	1 629	972	538	100.6
2nd quarter	6 851	3 750	237	921	964	746	881	3 101	1 642	890	569	99.9
3rd quarter	7 248	3 927	241	978	1 007	744	957	3 320	1 801	936	584	98.8
4th quarter	7 194	3 824	216	1 032	945	712	920	3 370	1 737	1 003	630	100.8
1986 1st quarter	6 814	3 612	198	981	890	627	916	3 202	1 695	931	576	98.7
2nd quarter	7 435	4 110	225	1 185	1 036	654	1 009	3 326	1 762	907	657	103.3
3rd quarter	7 952	4 308	212	1 246	1 028	666	1 156	3 643	1 976	976	692	104.4
4th quarter	7 922	4 256	207	1 284	934	685	1 145	3 667	1 995	954	718	106.6
1987 1st quarter	7 965	4 185	209	1 232	875	693	1 175	3 780	2 017	1 023	739	110.0
2nd quarter	8 264	4 599	238	1 403	960	760	1 239	3 665	1 958	961	746	106.4
3rd quarter	9 086	5 094	244	1 594	1 018	884	1 354	3 992	2 188	1 018	786	111.7
4th quarter	9 265	5 188	242	1 583	1 018	866	1 480	4 078	2 197	1 040	842	115.5
1988 1st quarter	9 507	5 225	226	1 784	986	832	1 397	4 282	2 284	1 146	851	121.2
2nd quarter <sup>2</sup>	10 032	5 816	244	2 052	1 042	963	1 515	4 216	2 277	1 078	862	121.0

1. Classified to construction in the Standard Industrial Classification Revised 1980. Estimates of unrecorded output by small firms and self-employed workers, and output by the public sector's direct labour department are included.

Source: Department of the Environment

## 12.2 Value of new orders obtained by contractors for new work<sup>1</sup>

Great Britain

£ million

	Total	New housing		Other new work						
		Total	From public sector	From private sector	Total	From public sector <sup>2</sup>	From private sector			
							Total	Industrial	Commercial	
1984	14 630	4 877	876	4 001	9 753	4 150	5 603	2 203	3 400	
1985	15 343	5 290	734	4 555	10 054	3 877	6 176	2 149	4 028	
1986	17 108	6 193	772	5 421	10 915	4 142	6 773	1 993	4 781	
1987	22 119	7 344	903	6 441	14 775	4 513	10 262	3 660 <sup>4</sup>	6 602	
1984 3rd quarter	3 686	1 289	232	1 057	2 396	987	1 410	546	864	
4th quarter	3 522	1 035	163	871	2 487	947	1 540	602	936	
1985 1st quarter	3 673	1 148	201	947	2 524	1 056	1 468	520	948	
2nd quarter	4 099	1 387	165	1 222	2 712	991	1 721	719	1 002	
3rd quarter	3 769	1 408	168	1 240	2 361	852	1 510	483	1 026	
4th quarter	3 803	1 346	200	1 147	2 456	979	1 478	426	1 052	
1986 1st quarter	3 996	1 291	176	1 115	2 705	1 031	1 673	474	1 199	
2nd quarter	4 472	1 750	206	1 544	2 722	1 146	1 576	512	1 064	
3rd quarter	4 567	1 660	214	1 446	2 907	975	1 932	562	1 370	
4th quarter	4 074	1 492	176	1 316	2 582	989	1 592	445	1 148	
1987 1st quarter	4 796	1 701	242	1 459	3 095	1 138	1 957	661	1 296	
2nd quarter	5 232	1 915	257	1 657	3 318	1 106	2 212	672	1 540	
3rd quarter	7 120	1 948	185	1 764	5 172	1 281	3 891	1 807 <sup>3</sup>	2 084	
4th quarter	4 971	1 780	219	1 561	3 191	989	2 202	520	1 682	
1988 1st quarter	6 542	2 038	217	1 821	4 504	1 408	3 096	781	2 315	
2nd quarter <sup>2</sup>	6 386	2 294	238	2 056	4 092	1 190	2 904	788	2 114	

1. Including the value of speculative building when work starts on site.

Source: Department of the Environment

2. Excluding open cast coal orders in accordance with the Standard Industrial Classification Revised 1980.

3. Orders for 3rd quarter 1987 include the Channel Tunnel project.

4. Orders for 1987 include the Channel Tunnel project.

## Building

# 12.3

### Building materials and components

#### Great Britain

Production: monthly averages, calendar months, or totals for four or five week periods

Stocks: end of period

	Millions		Thousand tonnes						Thousand square metres		
	Building bricks		Cement <sup>1</sup>		Cement clinker <sup>1</sup>		Gypsum	Plaster	Plasterboard		
	Production	Stocks	Production	Stocks	Production	Stocks	Production		Stocks		
1980	380	1 075	1 234	338	1 172	1 163	272.0	80.0	9 261	6 518	
1981	310	1 219	1 061	342	986	1 050	222.2	64.6	8 409	5 426	
1982	293	964	1 080	288	1 010	985	213.8	63.7	8 989	6 857	
1983	317	585	1 116	328	1 066	1 091	248.2	71.2	10 068	5 453	
1984	334	512	1 123	354	1 059	1 049	262.9	76.0	10 639	5 760	
1985	342	718	1 112	317	1 028	924	256.2	73.0	10 217	6 556	
1986	331	501	1 118	312	1 054	1 040	271.1	76.0	11 208	7 495	
1987	352	329	...	...	...	...	...	...	...	...	
1987 January	276	544	474 <sup>2</sup>	290	550 <sup>2</sup>	1 117	231.1 <sup>*</sup>	57.8 <sup>*</sup>	10 066 <sup>*</sup>	7 967	
February	337	537	...	...	...	...	275.2	77.2	11 358	7 216	
March	392	509	...	...	...	...	335.3 <sup>*</sup>	99.3 <sup>*</sup>	14 353 <sup>*</sup>	6 325	
April	344	483	...	...	...	...	240.5	75.1	11 564	6 567	
May	339	441	...	...	...	...	273.9	82.4	11 753	7 120	
June	391	389	...	...	...	...	316.5 <sup>*</sup>	87.5 <sup>*</sup>	14 315 <sup>*</sup>	7 085	
July	353	340	...	...	...	...	...	...	...	...	
August	295	296	...	...	...	...	...	...	...	...	
September	399	274	...	...	...	...	...	...	...	...	
October	403	272	...	...	...	...	...	...	...	...	
November	368	280	...	...	...	...	...	...	...	...	
December	325	329	...	...	...	...	...	...	...	...	
1988 January	354	310	...	...	...	...	...	...	...	...	
February	368	327	...	...	...	...	...	...	...	...	
March	426	335	...	...	...	...	...	...	...	...	
April	375	323	...	...	...	...	...	...	...	...	
May	367	303	...	...	...	...	...	...	...	...	
June	435	277	...	...	...	...	...	...	...	...	
July	364	244	...	...	...	...	...	...	...	...	
	Thousand tonnes	Thousand sq. metres	Thousand square metres of roof area covered	Thousand cubic metres	Tonnes		Thousand tonnes				
	Fibre cement products	Concrete building blocks	Concrete roofing tiles	Ready-mixed concrete <sup>1</sup>	Slate <sup>3</sup>		Sand and gravel	Crushed rock aggregate			
	Production		Stocks	Production		Stocks		Sales			
1980	29.4	5 568	2 401	5 113	1 868	6 338	10 111	7 520	8 544		
1981	22.1	4 630	1 945	5 114	1 657	6 251	13 289	6 840	7 615		
1982	21.8	5 307	2 129	4 008	1 721	6 381	11 442	7 291	8 571		
1983	20.0	6 303	2 770	3 317	1 794	6 044	7 182	7 904	9 340		
1984	21.2	6 804	2 890	5 250	1 734	6 914	5 888	8 134	9 223		
1985	21.0	6 204	2 323	4 135	1 801	5 710	8 921	8 286	9 583		
1986	18.1	7 263	2 570	3 945	1 795	6 143	6 458	8 608	10 197		
1987	16.8	7 724	2 892	4 245	2 030	7 979	7 442	9 195			
1987 January		5 411									
February	15.5	7 270	2 705	5 168	1 714	6 496	6 525	7 494			
March		8 565									
April		7 302									
May	18.1	7 686	3 026	5 707	2 103	7 287	7 551	9 783			
June		9 377									
July		8 855									
August	15.7	7 302	2 846	5 027	2 303	10 281	9 738	10 405			
September		8 888									
October		8 502									
November	19.1	7 935	2 992	4 245	2 001	7 850	7 442	9 097			
December		5 595									
1988 January		7 428									
February		8 362	3 118	5 127	2 113	6 538	6 491	9 679			
March	21.5	9 981									
April		7 593									
May		8 867	3 171	4 656	2 459	5 635	5 587	11 768 <sup>*</sup>			
June	19.6	9 853									
July		9 547 <sup>#</sup>									

1. United Kingdom.

2. Broken period.

3. Excluding slate residue used as fill.

Sources: Department of the Environment  
Department of Trade and  
Industry

## 12.4

## Permanent dwellings started, under construction and completed

Number

	Under construction at end of period												Completed			
	Started															
	All dwellings	Local authorities and new towns <sup>1</sup>	Private Sector	Other Public Sector <sup>2</sup>	All dwellings	Local authorities and new towns <sup>1</sup>	Private Sector	Other Public Sector <sup>2</sup>	All dwellings	Local authorities and new towns <sup>1</sup>	Private Sector	Other Public Sector <sup>2</sup>	All dwellings	Local authorities and new towns <sup>1</sup>	Private Sector	Other Public Sector <sup>2</sup>
<b>England and Wales</b>																
1981 <sup>3</sup>	139 103	22 665	105 816	10 622	220 402	38 632	160 761	21 009	179 759	58 215	103 929	17 615				
1982 <sup>3</sup>	175 146	30 811	128 663	15 672	236 957	36 024	176 150	24 783	158 591	33 349	113 280	11 962				
1983 <sup>3</sup>	200 747	31 779	155 865	13 103	258 724	36 587	199 045	23 092	178 980	31 300	132 886	14 794				
1984 <sup>3</sup>	178 482	24 852	142 216	11 414	248 119	30 394	198 006	19 719	189 087	31 186	143 074	14 827				
1985 <sup>3</sup>	179 081	19 436	148 607	11 038	253 465	25 573	208 956	18 936	173 735	24 248	137 617	11 870				
1986 <sup>3</sup>	190 495	17 378	161 335	11 782	264 609	22 875	221 983	19 751	179 351	20 076	148 308	10 967				
1987 <sup>3, 8</sup>	205 966	16 193	178 192	11 581	285 402	22 192	243 301	19 909	185 173	16 876	156 919	11 378				
1986 1st quarter	39 445	4 260	32 529	2 656	253 697	25 467	209 281	18 949	39 213	4 366	32 204	2 643				
2nd quarter <sup>3</sup>	54 713	4 049	46 579	4 085	264 309	24 227	220 003	20 079	44 101	5 289	35 857	2 955				
3rd quarter	53 566	4 827	46 069	2 670	274 349	24 210	229 643	20 496	43 526	4 844	36 429	2 253				
4th quarter	42 771	4 242	36 158	2 371	264 609	22 875	221 983	19 751	52 511	5 577	43 818	3 116				
1987 1st quarter	47 739	4 649	40 925	2 165	268 860	23 638	225 391	19 831	43 489	3 886	37 517	2 085				
2nd quarter	55 133	4 754	46 881	3 498	279 185	24 283	234 894	19 988	44 828	4 109	37 423	3 296				
3rd quarter	55 590	3 418	49 121	3 051	289 129	23 628	245 580	19 921	45 626	4 073	38 435	3 118				
4th quarter	47 504	3 372	41 265	2 867	285 402	22 192	243 301	19 909	51 231	4 808	43 544	2 879				
1988 1st quarter	56 131	3 938	49 486	2 707	291 289	22 806	248 569	19 914	50 244	3 324	44 218	2 702				
2nd quarter <sup>8</sup>	64 224	3 627	57 697	2 900	309 442	21 786	267 266	20 390	46 071	4 647	39 000	2 424				
<b>Scotland</b>																
1981	14 986	2 885	11 036	1 065	15 817	3 643	10 513	1 661	20 015	7 065	11 021	1 929				
1982	18 555	3 963	12 135	2 457	17 943	3 890	11 119	2 934	16 429	3 716	11 529	1 184				
1983	19 143	2 803	15 258	1 082	19 145	3 207	13 199	2 739	17 941	3 486	13 178	1 277				
1984	18 259	2 374	14 645	1 240	18 563	2 948	13 726	1 889	18 841	2 633	14 118	2 090				
1985	17 910	2 207	14 157	1 546	18 101	2 344	13 438	2 319	18 372	2 811	14 445	1 116				
1986 <sup>8</sup>	18 564	2 367	14 719	1 478	18 055	2 524	13 314	2 217	18 610	2 187	14 843	1 580				
1987 <sup>8</sup>	17 110	2 925	13 144	1 041	17 555	2 880	12 675	2 000	17 610	2 569	13 783	1 258				
1986 1st quarter	4 650	622	3 664	364	18 849	2 485	13 974	2 390	3 902	481	3 128	293				
2nd quarter	4 468	598	3 600	270	18 476	2 526	13 756	2 194	4 841	557	3 818	466				
3rd quarter	4 908	558	3 997	353	18 571	2 513	13 989	2 069	4 813	571	3 764	478				
4th quarter <sup>8</sup>	4 538	589	3 458	491	18 055	2 524	13 314	2 217	5 054	578	4 133	343				
1987 1st quarter <sup>8</sup>	4 775	1 010	3 404	361	19 412	3 098	13 900	2 414	3 418	436	2 818	164				
2nd quarter <sup>8</sup>	4 853	523	3 910	420	19 716	3 111	14 101	2 504	4 549	510	3 709	330				
3rd quarter <sup>8</sup>	3 962	601	3 188	173	18 705	2 938	13 571	2 196	4 973	774	3 718	481				
4th quarter <sup>8</sup>	3 520	791	2 642	87	17 555	2 880	12 675	2 000	4 670	849	3 538	283				
1988 1st quarter	4 748	858	3 735	155	18 047	2 905	13 317	1 825	4 256	833	3 093	330				
2nd quarter <sup>8</sup>	3 124	579	2 210	335	18 314	2 808	13 533	1 973	2 857	676	1 994	187				
<b>Northern Ireland</b>																
1980	6 362	2 901	3 338	123	12 568	3 010	8 881	677	6 456	2 507	3 568	381				
1981	6 052	2 509	2 776	767	12 473	2 660	8 721	1 092	6 768	2 859	3 557	352				
1982	8 456	3 247	4 487	722	13 924	3 093	9 604	1 227	7 007	2 814	3 606	587				
1983	11 762	4 357	6 892	513	16 094	3 406	11 525	1 163	9 592	4 044	4 971	577				
1984	10 967	3 074	7 314	579	16 647	2 892	12 672	1 083	10 415	3 588	6 177	650				
1985	9 922	2 352	7 199	371	15 766	2 011	12 931	824	10 801	3 233	6 940	628				
1986	9 663	1 920	7 114	629	15 047	1 351	12 963	733	10 145	2 580	7 082	483				
1987	9 532	1 596	7 418	518	14 519	1 182	12 930	407	9 669	1 764	7 451	454				
1986 1st quarter	1 773	59	1 530	184	14 613	1 323	12 736	554	2 689	747	1 725	217				
2nd quarter	3 145	840	2 110	195	15 067	1 375	13 046	646	2 690	788	1 800	102				
3rd quarter	2 770	627	1 957	186	15 442	1 437	13 258	747	2 395	565	1 745	85				
4th quarter	1 975	394	1 517	64	15 047	1 351	12 963	733	2 371	480	1 812	79				
1987 1st quarter	2 392	457	1 692	243	14 906	1 424	12 749	733	2 305	383	1 906	16				
2nd quarter	2 743	341	2 226	176	15 184	1 272	13 284	628	2 387	493	1 691	203				
3rd quarter	2 423	526	1 840	57	15 729	1 446	13 668	615	1 837	352	1 456	29				
4th quarter	1 974	272	1 660	42	14 519	1 182	12 930	407	3 140	536	2 398	206				
1988 1st quarter	2 094	194 <sup>8</sup>	1 586	314	13 850	947 <sup>8</sup>	12 352	551	2 763	429	2 164	170				

1. Includes housebuilding for the Scottish Special Housing Association and the Northern Ireland Housing Executive.

2. Housing associations other than the Scottish Special Housing Association and local authorities acting other than under Housing Act powers and government departments.

3. Under construction figures are not strictly comparable with those for earlier periods.

Sources: Department of the Environment  
Scottish Development Department  
Department of the Environment  
(Northern Ireland)

# 13 Transport

## 13.1

### Road vehicles in Great Britain: new registrations by taxation class

Thousands

	All vehicles										Total	Percent company	Percent imported		
	Total	Private and light goods <sup>1</sup>		Motor-cycles, scooters and mopeds	Goods vehicles <sup>1</sup> transport vehicles	Public transport vehicles	Agricultural tractors etc <sup>2</sup>	Other vehicles <sup>3</sup>	Of which body-type cars						
		Private cars	Other vehicles						Total	Percent company	Percent imported				
1982	2 103.9	1 527.0	201.0	231.6	58.8	7.1	38.9	39.6	1 584.3	40	57				
1983	2 307.5	1 773.3	197.6	174.5	64.9	7.3	42.1	47.9	1 806.1	39	57				
1984	2 238.9	1 721.6	191.6	145.2	69.1	7.2	40.1	64.2 <sup>4</sup>	1 759.3	42	57				
1985	2 309.3	1 804.0	202.9	125.8	74.2	6.8	40.1	55.4	1 842.1	45	57				
1986	2 333.7	1 839.3	207.9	106.4	74.9	8.9	34.8	61.5	1 883.2	46	54				
1987	2 473.9	1 962.7	221.6	90.8	82.2	8.7	37.7	70.1	2 016.2	48	50				
1987 February	203.2	165.3	17.6	5.8	5.9	0.7	2.5	5.5	169.4	47	47				
March	228.8	176.4	24.2	8.5	8.8	1.0	3.4	6.5	180.9	51	49				
April	189.5	147.8	16.7	9.0	6.4	0.8	3.6	5.2	151.5	51	48				
May	201.2	160.7	16.5	8.9	6.1	0.7	3.3	4.9	164.4	50	49				
June	193.6	149.0	18.4	8.8	7.7	0.6	3.2	5.9	153.5	57	51				
July	71.0	46.4	8.3	5.7	4.1	0.4	2.2	4.0	48.9	63	44				
August	476.7	403.3	30.5	15.8	9.8	1.0	5.7	10.6	412.3	37	54				
September	219.6	172.5	21.1	8.7	7.4	0.7	3.1	6.1	177.4	47	53				
October	181.1	139.3	17.9	7.0	7.0	0.7	3.3	6.0	144.0	53	51				
November	182.7	141.0	19.3	5.2	7.5	0.8	3.0	6.0	145.6	53	52				
December	119.3	91.3	12.5	3.1	5.4	0.5	2.1	4.3	94.6	54	49				
1988 January	238.3	192.2	20.7	4.5	7.7	0.7	2.8	9.7 <sup>5</sup>	198.2	54	53				
February	219.2	175.8	20.5	5.2	7.4	0.7	3.3	6.2	180.1	53	52				
March	246.8	196.9	21.1	7.3	9.1	1.0	4.1	7.3	202.2	55	53				
April	207.5	161.5	18.8	8.5	7.4	0.9	4.2	6.1	166.0	54	54				
May	230.4	182.0	20.6	8.8	8.0	0.9	3.8	6.3	186.8	54	53				
June	203.6	155.4	19.9	8.7	8.5	0.7	4.0	6.4	180.0	59	55				
July	76.4	49.9	9.8	5.2	4.4	0.4	2.8	3.8	52.3	65	47				

1. For 1982 counts within these new taxation classes have been estimated.

See notes and definitions - Taxation Class changes.

2. Includes trench diggers, mobile cranes etc, but excludes agricultural tractors on exempt licences.

3. Includes crown and exempt vehicles, three wheelers, pedestrian controlled vehicles, general haulage and showmen's tractors. From 1980 also includes electric vehicles which are now exempt from licence duty.

4. Includes a large proportion of old exempt vehicles recently converted to the DVLC system.

5. Includes 4 300 used vehicles required to be registered for the first time in the recovery vehicle tax class introduced in January 1988.

Source: Department of Transport

## 13.2

### Motor vehicles currently licensed<sup>1</sup>

Thousands

Year	Private and light goods		Motor-cycles, scooters and mopeds	Public transport vehicles <sup>3</sup>	Goods <sup>2</sup> <sup>4</sup> vehicles	Agricultural tractors etc <sup>5</sup>	Other vehicles <sup>6</sup>	Crown and exempt vehicles	All vehicles
	Private <sup>2</sup> cars	Other <sup>2</sup> vehicles							
1978 <sup>1</sup>	13 801	1 365	1 194	110	606	394	111	177	17 758
1979	14 307	1 415	1 292	111	624	402	106	359 <sup>7</sup>	18 616
1980	14 772	1 461	1 372	110	575 <sup>8</sup>	397	100	412 <sup>9</sup>	19 200
1981	14 943	1 478	1 371	110	558	365	95	427	19 347
1982	15 303	1 513	1 370	111	549	371	91	454	19 762
1983	15 543	1 615	1 290	113	565	376	86	621 <sup>10</sup>	20 209
1984	16 055	1 666	1 225	116	576	375	82	670	20 765
1985	16 453	1 708	1 148	120	582	374	77	605	21 157
1986	16 981	1 771	1 065	125	593	371	72	720	21 699
1987	17 421	1 828	978	129	609	374	68	744	22 152

1. The methodology underlying the census is different from 1978 onwards compared to previous years.

2. For years up to 1982 retrospective counts within these new taxation classes have been estimated.

See notes and definitions - Taxation Class changes.

3. Includes taxis.

4. Includes agricultural vans and lorries and showmen's goods vehicles licensed to draw trailers.

5. Includes combine harvesters, mowing machines, digging machines, mobile cranes and works trucks.

6. Includes three wheelers, pedestrian controlled vehicles and showmen's haulage.

7. From 1979 includes exempt tax classes 61 and 62 not previously included.

8. From 1980 excludes electric goods vehicles which are now exempt from licence duty.

9. From 1980 includes electric vehicles which are now exempt from licence duty.

10. Includes old vehicles exempt from tax converted for the first time to the DVLC system.

Source: Department of Transport

## 13.3

## Index numbers of road traffic and goods transport by road

Average 1977 = 100

	Index of vehicle kilometres travelled on roads in Great Britain <sup>1</sup>							Index of tonne kilometres of road goods transport 4 5 6	
	Motor traffic				Other goods vehicles				
	All motor traffic	Motor-cycles, etc.	Cars and taxis	Buses and coaches	Light vans <sup>2</sup>	Total	Articulated <sup>3</sup>		
1980	110	124	111	107	106	104	108	82 94	
1981	112	141	113	105	108	100	105	88 94	
1982	115	145	117	105	107	99	106	103 95	
1983	117	133	120	109	108	103	113	102 97	
1984 <sup>4</sup>	123	132	125	112	114	107	116	99 101	
1985 <sup>5</sup>	126	123	129	110	118	111	121	90 104	
1986 <sup>6</sup>	132	112	136	108	125	113	126	82 106	
1987 <sup>6</sup>	141	107	145	121	135	121	140	85	
1985 1st quarter <sup>6</sup>	126	119	130	107	115	106	116	93 105	
2nd quarter <sup>6</sup>	124	122	127	108	116	109	118	90 105	
3rd quarter <sup>6</sup>	123	115	125	109	119	115	126	87 102	
4th quarter <sup>6</sup>	131	122	135	107	121	110	122	101 103	
1986 1st quarter <sup>6</sup>	133	111	139	104	121	106	116	84 104	
2nd quarter <sup>6</sup>	130	122	133	110	125	115	127	83 106	
3rd quarter <sup>6</sup>	128	109	130	109	124	118	133	79 102	
4th quarter <sup>6</sup>	143	112	149	114	135	118	134	87 110	
1987 1st quarter <sup>6</sup>	139	105	145	111	130	113	129	84 108	
2nd quarter <sup>6</sup>	140	113	144	120	134	121	138	96 116	
3rd quarter <sup>6</sup>	133	104	135	121	130	123	147	79 116	
4th quarter <sup>6</sup>	151	107	156	129	146	126	147	81 115	
1988 1st quarter <sup>6</sup>	157	106	163	123	147	126	148	84	
2nd quarter <sup>6</sup>	143	101	147	120	145	125	147	84	

1. All indices have been revised.

2. Not over 30 cwt. unladen weight.

3. Includes vehicles with drawbar trailers.

4. The figures for road goods transport are estimated from a continuing sample enquiry.

5. The quarterly figures relate to 13-week periods and not three calendar months.

6. Revised to exclude estimates of work done by vehicles under 3.5 tonnes gross vehicle weight.

Source: Department of Transport

## 13.4 Road casualties in Great Britain

	Number								
	Total casualties		Severity			All Severities			
	All ages	Under 15 years	Killed	Seriously injured	Slightly injured	Pedestrians	Pedal cyclists	Motor cyclists and their passengers <sup>1</sup>	Other drivers and their passengers
1981	324 840	44 393	5 846	78 259	240 735	60 750	25 306	69 129	169 655
1982	334 296	44 597	5 834	79 739	248 623	61 419	28 137	71 920	172 820
1983	308 584	45 371	5 445	70 623	232 516	61 674	30 576	64 494	151 840
1984	324 314	47 187	5 599	73 059	245 656	63 474	30 939	63 821	166 080
1985	317 524	43 644	5 165	70 980	241 379	61 390	26 998	56 591	172 545
1986	321 451	41 426	5 382	68 752	247 317	60 875	26 129	52 280	182 167
1987	311 473	40 013	5 125	64 293	242 055	57 453	26 194	45 801	182 025
1985 1st quarter	65 510	8 465	1 071	14 489	49 950	13 800	4 594	9 401	37 715
2nd quarter	77 621	11 905	1 207	17 397	59 017	14 621	7 143	14 893	40 964
3rd quarter	85 938	12 633	1 373	19 497	65 068	15 091	8 158	17 296	45 393
4th quarter	88 455	10 641	1 514	19 597	67 344	17 878	7 103	15 001	48 473
1986 1st quarter	69 875	8 684	1 161	14 824	53 890	14 623	4 749	9 424	41 079
2nd quarter	78 325	11 593	1 232	16 522	60 571	14 793	6 654	13 669	43 209
3rd quarter	82 329	11 431	1 391	17 872	63 066	13 798	7 888	15 119	45 524
4th quarter	90 922	9 718	1 598	19 534	69 790	17 661	6 838	14 068	52 355
1987 1st quarter	63 773	7 453	1 050	12 981	49 742	13 117	4 491	8 162	38 003
2nd quarter	77 904	10 963	1 243	16 251	60 410	13 985	6 876	12 290	44 753
3rd quarter	84 774	12 318	1 409	17 698	65 667	14 184	8 547	13 713	48 330
4th quarter	85 022	9 279	1 423	17 363	66 236	16 167	6 280	11 636	50 939
1988 1st quarter <sup>6</sup>	74 516	8 523	1 108	15 043	58 365	14 750	5 521	8 774	45 471

1. Including riders and passengers of mopeds, motor scooters and combinations.

Sources: Department of Transport.  
Scottish Development Department  
Welsh Office

Inland transport

## 13.5 Bus and Coach: passenger journeys and receipts<sup>1</sup>

Great Britain

	Passenger journeys (million)					Passenger receipts (£million)						
	Total	Type of operator			Type of service	Total	Type of operator			Type of service		
		London Buses Ltd	PTACs and CCs <sup>2</sup>	Other operators			London Buses Ltd	PTACs and CCs <sup>2</sup>	Other operators			
1981	6 278	1 081	2 700	2 497	5 694	584	1 745	209	506	1 030	1 312	433
1982	6 097	1 043	2 619	2 435	5 518	579	1 908	254	545	1 108	1 427	481
1983	6 210	1 089	2 651	2 470	5 587	622	2 024	266	576	1 183	1 512	512
1984	6 237	1 163	2 663	2 411	5 650	587	2 085	264	599	1 222	1 554	530
1985/86	6 176	1 147	2 646	2 383	5 642	534	2 218	292	625	1 300	1 636	582
1986/87	5 913	1 129	2 383	2 401	5 328	585	2 266	288	637	1 341	1 655	611
1984 2nd quarter	1 536	289	651	596	1 384	152	526	65	148	313	383	143
3rd quarter	1 571	296	664	611	1 411	160	576	68	151	357	392	184
4th quarter	1 588	297	674	617	1 444	144	510	67	155	287	401	109
1985 1st quarter	1 536	286	675	575	1 411	124	503	68	152	283	403	100
2nd quarter	1 551	287	661	603	1 413	138	563	73	158	331	414	149
3rd quarter	1 563	291	662	610	1 419	144	618	74	161	382	423	195
4th quarter	1 572	294	673	605	1 441	130	553	72	162	319	421	132
1986 1st quarter <sup>3</sup>	1 490	275	650	565	1 368	121	485	73	144	268	379	107
2nd quarter <sup>3</sup>	1 553	296	639	618	1 393	159	584	75	161	348	419	165
3rd quarter <sup>3</sup>	1 526	286	623	617	1 366	160	610	72	167	370	426	184
4th quarter <sup>3</sup>	1 492	294	597	601	1 354	138	555	73	159	324	416	139
1987 1st quarter <sup>3</sup>	1 342	253	524	566	1 214	128	517	67	151	299	393	123

1. As a result of major structural changes in the bus industry in 1986 and 1987, reliable quarterly estimates for 1987/88 cannot be prepared until final annual data are available.

Source: Department of Transport

2. Passenger Transport Authority companies and Council companies, including the operation of trams by two local authorities.

3. A new system (introduced from Q1, 1986) produced quarterly data which may not be wholly comparable with earlier data, particularly for other operators/other services.

## 13.6 Indices of local (stage) bus service fares

Great Britain  
1980 = 100

Annual/quarterly averages

	London Buses Ltd.	Passenger Transport Authority companies	Council companies	Passenger Transport Authority and Council companies	Other operators	All operators except London Buses Ltd.	All operators
1981	106.6	109.0	119.8	112.5	114.7	113.7	112.7
1982	132.3	121.8	134.3	126.0	127.3	126.8	127.7
1983	134.8	124.6	144.4	131.1	136.2	134.1	134.6
1984	123.5	123.7	155.3	134.1	143.7	139.6	137.8
1985	134.8	125.5	161.6	137.3	149.9	144.4	143.9
1986	144.1	147.0	167.2	153.9	158.9	156.8	155.9
1987 <sup>3</sup>	148.5	165.7	173.5	168.4	163.8	165.9	164.3
1985/86	137.1	126.1	163.1	138.1	151.2	145.5	145.1
1986/87	145.2	155.4	168.9	160.2	161.1	160.7	159.4
1987/88 <sup>3</sup>	152.4	168.9	174.5	170.9	165.0	167.6	166.3
1984 2nd quarter	123.5	123.9	154.5	133.9	143.9	139.6	137.7
3rd quarter	123.5	123.9	156.2	134.5	144.3	140.1	138.2
4th quarter	123.5	123.9	158.0	135.0	145.3	140.8	138.8
1985 1st quarter	134.8	123.9	159.1	135.4	147.8	142.3	142.1
2nd quarter	134.8	126.1	160.3	137.3	149.8	144.3	143.7
3rd quarter	134.8	126.1	162.3	137.9	150.5	145.0	144.4
4th quarter	134.8	126.1	164.6	138.6	151.4	145.8	145.0
1986 1st quarter	144.1	126.1	165.2	138.8	153.2	146.8	147.4
2nd quarter	144.1	150.5	166.5	156.0	160.1	158.4	157.2
3rd quarter	144.1	154.0	167.2	158.7	160.9	160.1	158.7
4th quarter	144.1	157.5	169.7	161.8	161.3	161.6	159.9
1987 1st quarter	148.5	159.5	172.1	164.0	162.0	162.9	161.7
2nd quarter	148.5	163.7	173.0	167.0	163.6	165.1	163.6
3rd quarter	148.5	169.1	173.7	170.7	164.5	167.3	165.4
4th quarter <sup>3</sup>	148.5	170.3	175.1	172.0	165.2	168.1	166.1
1988 1st quarter <sup>3</sup>	164.0	172.7	176.1	173.8	166.6	169.7	170.3
2nd quarter <sup>3</sup>	164.0	172.7	176.1	173.8	167.8	170.4	170.8

Source: Department of Transport

## 13.7 British Rail and London Regional Transport railways

Millions

	British Rail: passenger kilometres			London Regional Transport railways: passenger journeys		
	Total	Ordinary fares	Season tickets	Total	Full and reduced fares	Season tickets <sup>1</sup>
1981	29 724	21 488	8 237	541	359	182
1982	27 229	19 960	7 269	498	338	160
1983	29 540	21 757	7 783	563	351	212
1984	29 752	21 818	7 934	650	354	296
1985	29 685	21 585	8 099	739	352	387
1986	30 775	21 948	8 827	752	346	406
1987 <sup>2</sup>	32 185	22 558	9 629			
1984 3rd quarter	7 853	6 074	1 779	166	92	74
4th quarter	7 486	5 345	2 141	171	90	81
1985 1st quarter	6 634	4 674	1 960	174	83	91
2nd quarter	7 416	5 544	1 872	179	87	92
3rd quarter	7 846	5 905	1 941	184	92	92
4th quarter	7 788	5 462	2 326	187	89	98
1986 1st quarter	7 330	4 895	2 435	188	82	101
2nd quarter	7 514	5 389	2 125	188	85	102
3rd quarter	8 185	6 205	1 980	194	94	101
4th quarter	7 746	5 459	2 287	196	92	104
1987 1st quarter	7 369	4 940	2 429	191	84	107
2nd quarter <sup>2</sup>	7 961	5 687	2 274	193	89	104
3rd quarter <sup>2</sup>	8 594	6 304	2 290	200	94	106
4th quarter <sup>2</sup>	8 318	5 676	2 642	195	90	105
1988 1st quarter	8 267	5 374	2 893	190	84	106
2nd quarter <sup>2</sup>	8 370	5 674	2 696			

1. Journeys on all season tickets are estimated at the rate of 600 per annum.

2. Estimated.

Source: Department of Transport

## 13.8 British Rail: freight traffic

	British Rail <sup>1</sup>				Net tonne kilometres Millions	
	Freight lifted					
	Total	Coal and coke	Metals including iron and steel	Other traffic		
Million tonnes						
1981	154.2	95.2	18.2	40.8	17 505	
1982	141.9	88.4	14.3	39.2	15 880	
1983	145.1	87.9	16.1	41.1	17 144	
1984	79.2	25.5	12.4	41.3	12 720	
1985	122.0	65.8	14.1	42.2	15 370	
1986	139.6	79.7	16.8	43.2	15 724	
1987 <sup>2</sup>	133.4	77.7	19.1	36.7	14 359	
1984 3rd quarter	15.0	2.4	2.1	10.5	2 815	
4th quarter	14.4	2.4	2.1	9.9	2 700	
1985 1st quarter	18.1	5.8	2.3	10.0	3 108	
2nd quarter	34.8	19.5	4.3	11.1	4 261	
3rd quarter	33.7	19.7	3.3	10.7	4 009	
4th quarter	35.4	20.8	4.2	10.3	3 992	
1986 1st quarter	35.8	21.8	4.2	9.8	3 969	
2nd quarter	36.2	20.3	4.6	11.4	4 344	
3rd quarter	33.3	18.3	3.7	11.3	4 118	
4th quarter	34.3	19.2	4.3	10.7	4 043	
1987 1st quarter <sup>2</sup>	34.5	19.3	4.8	10.4	4 061	
2nd quarter <sup>2</sup>	35.1	19.3	5.0	10.9	4 311	
3rd quarter <sup>2</sup>	34.5	18.8	4.3	11.3	4 277	
4th quarter <sup>2</sup>	36.6	20.3	5.0	11.3	4 332	
1988 1st quarter	38.3	20.5	5.3	12.4	4 446	
2nd quarter <sup>2</sup>	36.6	19.3	5.3	12.0	3 957	

1. Freight train traffic only.

2. Estimated.

Source: Department of Transport

## 13.9

UK airlines<sup>1</sup>  
Aircraft kilometres flown, passengers and cargo uplifted

Monthly averages or calendar months.

	Thousands			Tonnes			Thousands			Tonnes		
	All services			Domestic services			International services			Tonnes		
	Aircraft kilometres flown	Passengers uplifted	Cargo and mail uplifted <sup>2</sup>	Aircraft kilometres flown	Passengers uplifted	Cargo and mail uplifted <sup>2</sup>	Aircraft kilometres flown	Passengers uplifted	Cargo and mail uplifted <sup>2</sup>	Aircraft kilometres flown	Passengers uplifted	Cargo and mail uplifted <sup>2</sup>
1981	29 925	1 780.0	24 327	4 416	551.1	2 718	25 509	1 228.9	21 608			
1982	27 579	1 717.4	21 976	4 687	589.0	3 166	22 893	1 128.4	18 810			
1983	27 053	1 699.1	24 510	5 058	597.4	3 312	21 995	1 101.7	21 198			
1984	29 156	1 879.8	29 958	5 613	694.7	3 784	23 544	1 185.1	26 174			
1985	30 955	2 068.7	30 003	5 772	747.7	3 842	25 183	1 321.0	26 161			
1986	32 067	2 083.1	31 330	5 932	756.8	3 962	26 136	1 326.3	27 368			
1987	33 802	2 374.7	33 780	6 127	837.4	4 235	27 675	1 537.3	29 546			
1983 September	28 842	2 041.7	25 271	5 603	726.9	3 478	23 239	1 314.8	21 794			
October	28 130	1 817.7	27 195	5 220	636.1	3 037	22 910	1 181.7	24 158			
November	25 414	1 482.2	27 221	4 806	540.4	3 449	20 608	941.8	23 772			
December	24 800	1 477.3	27 787	4 548	513.4	3 263	20 252	963.9	24 524			
1984 January	25 745	1 442.8	24 349	4 763	502.7	3 099	20 982	940.1	21 250			
February	23 961	1 359.4	26 475	4 695	523.6	3 325	19 267	835.8	23 150			
March	26 929	1 622.8	30 882	5 203	612.4	3 785	21 727	1 010.5	27 097			
April	28 459	1 818.5	29 175	5 620	679.9	3 520	22 839	1 138.6	25 656			
May	30 897	1 951.9	30 806	6 156	744.1	3 844	24 741	1 207.8	26 962			
June	31 252	2 105.5	30 089	6 214	791.8	3 664	25 038	1 313.7	26 425			
July	32 590	2 242.5	31 817	6 504	832.9	4 456	26 086	1 409.6	27 361			
August	32 146	2 256.9	29 402	6 425	832.2	3 860	25 721	1 424.7	25 541			
September	31 346	2 287.8	31 155	6 079	839.3	4 153	25 267	1 448.5	27 002			
October	31 049	2 079.8	32 477	5 872	758.6	4 098	25 178	1 321.2	28 378			
November	28 148	1 738.9	31 657	5 207	645.7	3 924	22 941	1 093.1	27 733			
December	27 352	1 650.6	31 210	4 612	573.4	3 674	22 740	1 077.3	27 536			
1985 January	28 154	1 615.5	25 477	5 028	570.6	3 457	23 126	1 044.9	22 020			
February	24 364	1 476.5	25 779	4 651	548.9	3 379	19 713	927.6	22 400			
March	28 018	1 926.6	31 527	5 307	685.9	4 217	22 711	1 240.7	27 311			
April	30 331	2 019.0	28 151	5 763	728.6	3 949	24 568	1 290.4	24 203			
May	32 992	2 188.8	30 110	6 366	810.7	3 928	26 625	1 378.1	26 181			
June	33 477	2 382.6	30 933	6 397	870.3	3 878	27 080	1 512.2	27 054			
July	35 059	2 508.7	31 529	6 791	901.5	3 938	28 269	1 607.2	27 591			
August	34 565	2 521.0	29 238	6 733	900.6	3 672	27 832	1 620.4	25 566			
September	33 138	2 428.5	30 726	6 239	886.5	3 885	26 899	1 541.9	26 841			
October	32 695	2 179.3	32 880	5 943	794.9	4 122	26 752	1 384.4	28 759			
November	29 561	1 823.8	32 283	5 169	665.5	3 928	24 392	1 158.3	28 355			
December	29 105	1 754.5	31 401	4 872	608.5	3 746	24 232	1 146.0	27 655			
1986 January	29 794	1 724.0	27 925	5 197	605.7	3 551	24 597	1 118.4	24 374			
February	26 717	1 555.7	26 998	4 803	571.8	3 265	21 914	984.0	23 733			
March	29 943	1 920.8	31 668	5 266	677.7	3 723	24 678	1 243.0	27 944			
April	31 204	1 970.9	29 896	5 957	734.6	3 835	25 248	1 236.3	26 061			
May	33 706	2 043.0	30 008	6 456	785.3	3 818	27 250	1 257.6	26 190			
June	34 115	2 201.1	31 243	6 479	822.8	3 788	27 636	1 378.3	27 454			
July	35 774	2 408.8	32 552	6 863	888.9	3 989	28 912	1 519.9	28 563			
August	35 510	2 539.5	30 516	6 847	909.2	3 369	28 663	1 630.4	27 148			
September	34 703	2 498.3	33 137	6 525	895.0	3 970	28 178	1 603.3	29 167			
October	33 336	2 313.3	35 496	6 270	841.3	4 871	27 067	1 472.0	30 625			
November	30 092	1 925.8	33 557	5 280	686.5	4 648	24 812	1 239.4	28 909			
December	29 915	1 895.6	32 969	5 241	662.3	4 721	24 674	1 233.3	28 247			
1987 January	30 312	1 775.1	28 498	4 931	574.2	3 822	25 382	1 200.8	24 677			
February	27 792	1 701.8	30 563	4 817	591.1	3 919	22 974	1 110.7	26 645			
March	31 641	2 106.8	33 249	5 602	734.3	4 579	26 039	1 372.5	28 670			
April	32 713	2 333.4	32 196	6 179	830.1	4 468	26 534	1 503.3	27 727			
May	35 349	2 462.4	35 006	6 747	898.3	4 377	28 602	1 564.2	30 630			
June	35 220	2 565.4	34 357	6 617	900.8	4 293	28 603	1 664.5	30 064			
July	37 397	2 859.6	35 130	7 230	1 013.4	4 304	30 168	1 846.2	30 826			
August	37 005	2 912.0	33 138	7 159	1 022.5	4 037	29 846	1 889.5	29 101			
September	36 082	2 807.7	34 548	6 817	1 013.4	4 249	29 265	1 794.3	30 299			
October	35 919	2 654.8	36 758	6 403	931.9	4 363	29 516	1 723.0	32 394			
November	33 190	2 191.2	35 963	5 555	787.4	4 291	27 635	1 403.9	31 672			
December	33 001	2 126.5	35 957	5 469	751.3	4 114	27 532	1 375.2	31 844			
1988 January	34 189	2 063.4	33 757	5 413	707.5	3 977	28 776	1 355.8	29 781			
February	32 145	2 015.4	35 736	5 346	721.4	4 331	26 799	1 294.0	31 405			
March	35 196	2 457.6	39 310	5 977	879.6	4 691	29 219	1 578.0	34 618			
April	35 995	2 494.0	36 675	6 244	887.1	3 942	29 750	1 606.9	32 733			

1. Scheduled services only. All kilometre statistics are based on standard (Great Circle) distance.

2. Including weight of vehicles uplifted on vehicle ferry services, excess baggage and diplomatic bags.

Source: Civil Aviation Authority

## 13.9

UK airlines<sup>1</sup>  
Tonne-kilometres and seat kilometres used

continued Monthly averages or calendar months.

	All services			Domestic services			International services					
	Mail	Cargo <sup>2</sup>	Passenger	Seat kilometres used	Mail	Cargo <sup>2</sup>	Passenger	Seat kilometres used	Mail	Cargo <sup>2</sup>	Passenger	Seat kilometres used
	Thousand tonne-kilometres	Millions	Thousand tonne-kilometres	Millions	Thousand tonne-kilometres	Millions	Thousand tonne-kilometres	Millions	Thousand tonne-kilometres	Millions	Thousand tonne-kilometres	Millions
1981	14 153	111 681	368 518	4 339.8	358	573	18 177	216.7	13 795	111 108	370 341	4 123.0
1982	14 053	99 811	350 770	3 853.8	429	621	18 731	229.4	13 624	99 190	332 039	3 624.4
1983	14 977	111 527	333 761	3 658.3	492	643	18 922	232.6	14 486	110 883	314 838	3 425.7
1984	16 327	141 763	363 941	3 985.6	444	850	21 897	269.7	15 882	140 913	342 044	3 715.9
1985	16 916	131 427	393 046	4 300.2	497	845	23 648	291.2	16 419	130 581	369 398	4 009.0
1986	16 611	141 510	392 415	4 283.5	495	873	24 127	297.3	16 115	140 637	368 288	3 986.2
1987	16 898	157 109	458 047	4 989.3	537	888	26 538	327.1	16 361	156 221	431 508	4 662.2
1983 September	14 607	116 095	396 271	4 341.7	507	671	22 807	280.6	14 100	115 424	373 464	4 061.1
October	15 664	129 449	351 465	3 843.9	486	595	20 087	246.9	15 178	128 854	331 378	3 597.0
November	16 753	125 400	271 110	2 977.1	525	721	17 438	216.2	16 228	124 679	253 672	2 760.9
December	20 308	124 764	303 109	3 310.4	542	648	16 609	203.6	19 767	124 116	286 500	3 106.7
1984 January	13 467	113 868	305 946	3 339.9	407	664	16 166	198.4	13 060	113 203	289 780	3 141.5
February	13 990	122 543	338 672	2 627.9	445	697	16 700	206.9	13 544	121 846	221 972	2 421.0
March	16 004	147 510	294 531	3 243.9	391	908	19 408	239.5	15 613	146 602	275 123	3 004.4
April	14 629	142 154	333 573	3 676.2	360	794	21 247	261.4	14 269	141 360	312 326	3 414.8
May	15 827	145 236	357 165	3 926.6	432	886	22 947	283.4	15 395	144 350	334 218	3 643.2
June	15 697	142 181	402 026	4 411.8	395	851	24 666	304.2	15 302	141 330	377 360	4 107.5
July	16 046	146 264	447 636	4 908.3	452	1 002	26 317	323.3	15 593	145 262	421 320	4 584.9
August	15 623	141 958	468 305	5 122.3	443	895	25 880	317.5	15 180	141 064	442 425	4 804.8
September	15 585	148 987	450 036	4 913.2	485	940	26 037	319.9	15 100	148 047	423 999	4 593.3
October	17 192	154 758	397 159	4 340.9	489	920	23 918	295.1	16 704	153 838	373 241	4 045.8
November	19 445	149 992	322 747	3 525.9	530	873	20 785	257.3	18 915	149 119	301 982	3 268.6
December	22 417	145 704	349 495	3 790.7	503	768	18 691	229.3	21 914	144 936	330 805	3 561.5
1985 January	14 520	118 290	338 643	3 675.1	465	778	18 622	229.3	14 056	117 511	320 021	3 445.7
February	14 338	113 327	259 703	2 855.2	429	733	17 734	219.8	13 909	112 594	241 969	2 635.5
March	18 074	137 037	367 644	4 031.4	505	948	21 804	269.1	17 569	136 090	345 837	3 762.3
April	15 491	123 474	372 932	4 101.4	477	864	22 718	279.4	15 014	122 611	350 214	3 822.0
May	16 485	130 016	396 636	4 350.7	473	892	25 288	311.5	16 012	129 124	371 348	4 039.3
June	16 377	135 173	448 968	4 924.0	443	896	27 333	336.1	15 934	134 276	421 635	4 587.9
July	16 386	138 518	493 677	5 401.8	494	867	28 377	348.6	15 892	137 651	465 301	5 053.2
August	16 067	128 416	500 756	5 474.9	472	813	28 032	343.4	15 595	127 603	472 724	5 131.5
September	15 611	134 418	456 493	4 985.6	480	873	27 802	341.4	15 130	133 545	428 691	4 644.2
October	17 176	142 666	391 540	4 291.0	566	889	24 862	307.0	16 610	141 777	366 678	3 984.0
November	19 834	140 915	329 241	3 605.7	573	834	21 329	264.3	19 261	140 081	307 913	3 341.4
December	22 632	134 868	360 318	3 905.1	583	755	19 876	244.5	22 050	134 112	340 442	3 660.6
1986 January	15 726	121 228	347 184	3 776.8	505	774	19 795	244.2	15 220	120 454	327 389	3 532.6
February	14 776	121 668	279 077	3 070.0	451	712	18 518	229.6	14 325	120 956	260 559	2 840.4
March	17 018	145 286	367 583	4 031.2	498	785	21 717	268.1	16 521	144 502	345 865	3 763.1
April	15 646	133 790	348 064	3 822.4	473	834	23 302	287.5	15 173	132 956	324 762	3 534.9
May	15 823	133 615	355 461	3 890.9	448	864	24 687	304.3	15 375	132 751	330 775	3 586.5
June	15 761	142 288	393 506	4 294.9	450	843	26 247	323.4	15 311	141 445	367 259	3 971.5
July	15 821	150 675	456 941	4 994.9	481	896	28 486	349.9	15 340	149 779	428 455	4 645.0
August	15 139	146 166	504 954	5 504.8	421	822	28 764	351.6	14 718	145 343	476 191	5 153.2
September	15 226	155 128	475 460	5 183.2	504	894	28 011	344.4	14 721	154 234	447 450	4 838.8
October	16 440	158 583	425 255	4 640.6	557	1 080	26 439	326.5	15 884	158 502	398 816	4 314.1
November	18 940	148 975	365 375	3 975.7	548	1 004	22 065	273.0	18 392	147 971	343 310	3 702.7
December	23 011	139 721	390 116	4 216.2	609	970	21 494	264.6	22 403	138 751	368 623	3 951.6
1987 January	15 505	125 693	390 124	4 207.0	425	865	18 868	232.3	15 080	124 828	371 256	3 974.7
February	15 213	139 212	322 139	3 507.7	512	816	19 317	239.9	14 701	138 396	302 823	3 267.8
March	16 548	154 859	401 944	4 390.2	570	966	23 436	290.3	15 979	153 893	378 508	4 099.9
April	16 418	147 277	423 597	4 642.3	551	947	26 106	321.7	15 867	146 330	397 491	4 320.6
May	16 845	164 711	456 705	4 996.7	536	934	27 912	344.1	16 308	163 777	428 793	4 652.6
June	15 597	160 237	458 999	5 333.8	545	889	28 388	350.0	15 052	159 347	460 611	4 983.8
July	16 598	165 452	563 080	6 139.3	529	875	32 204	395.5	16 069	164 577	530 875	5 743.8
August	16 516	159 327	586 767	6 393.6	504	839	31 894	390.1	16 012	158 488	554 873	6 003.6
September	15 783	162 573	530 971	5 790.6	571	865	31 424	386.5	15 212	161 708	499 547	5 404.1
October	16 748	175 479	498 305	5 434.9	571	911	29 232	360.8	16 178	174 568	469 073	5 074.1
November	20 130	165 837	406 252	4 424.5	562	900	25 167	312.5	19 568	164 937	381 085	4 112.0
December	20 869	164 656	427 677	4 610.9	569	853	24 512	301.8	20 300	163 803	403 164	4 309.2
1988 January	16 398	155 885	434 879	4 695.2	551	802	23 041	284.0	15 847	155 083	411 838	4 411.2
February	14 784	167 084	374 236	4 068.4	495	969	23 042	286.4	14 269	166 114	351 194	3 782.0
March	15 940	182 452	456 746	4 980.9	557	981	27 933	346.0	15 383	181 471	428 813	4 634.9
April	13 899	174 070	452 388	4 946.5	519	840	27 966	345.1	13 380	173 230	424 423	4 601.3

See footnotes on page 84.

Source: Civil Aviation Authority

**Merchant shipping**

**13.10 Merchant vessels registered in the United Kingdom (500 gross tons and over)<sup>1</sup>**

	Bulk, tanker and dry			Other			Total		
	Number	Grt million	Dwt million	Number	Grt million	Dwt million	Number	Grt million	Dwt million
1980	617	21.0	37.7	658	4.8	5.3	1 275	25.8	43.0
1981	550	17.9	31.7	568	4.2	4.5	1 118	22.1	36.2
1982	495	15.3	26.8	490	3.9	4.1	985	19.2	30.9
1983	413	12.3	21.2	453	3.6	3.6	866	15.9	24.8
1984	363	10.9	18.9	414	3.4	3.4	777	14.3	22.3
1985	315	9.0	15.8	378	3.2	3.1	693	12.2	18.9
1986	219	4.9	8.8	326	2.8	2.6	545	7.7	11.4
<b>End Quarter</b>									
1984 2nd quarter	385	11.3	19.6	431	3.4	3.4	816	14.7	23.0
3rd quarter	377	11.0	19.1	427	3.5	3.5	804	14.5	22.6
4th quarter	363	10.9	18.9	414	3.4	3.4	777	14.3	22.3
1985 1st quarter	348	10.4	18.1	410	3.4	3.4	758	13.8	21.5
2nd quarter	327	9.5	16.6	400	3.4	3.3	727	12.9	19.9
3rd quarter	321	9.2	16.0	395	3.3	3.2	716	12.5	19.2
4th quarter	315	9.0	15.8	378	3.2	3.1	693	12.2	18.9
1986 1st quarter	296	8.3	14.6	373	3.2	3.0	669	11.5	17.6
2nd quarter	262	6.6	11.3	365	3.0	2.9	627	9.6	14.2
3rd quarter	246	5.7	9.8	356	2.9	2.8	602	8.6	12.6
4th quarter	219	4.9	8.8	326	2.8	2.6	545	7.7	11.4
1987 1st quarter <sup>2</sup>	229	4.4	7.9	304	2.7	2.5	533	7.2	10.5
2nd quarter	225	4.5	8.1	303	2.8	2.5	528	7.3	10.7
3rd quarter	220	4.3	7.8	296	2.8	2.4	516	7.1	10.3
4th quarter	220	4.3	7.8	286	2.7	2.4	506	7.1	10.2
1988 1st quarter	214	4.3	7.8	287	2.7	2.4	501	7.0	10.1
2nd quarter	210	4.0	7.1	285	2.7	2.4	495	6.7	9.5

1. Covers vessels registered within the United Kingdom, the Channel Isles and the Isle of Man.

2. From Q1 1987 changes were made to the basis of these figures with consequent minor amendment to ship type definition.

Source: Department of Transport.

13.11 UK passenger movement by sea and air<sup>1</sup>

Thousands

Inward												
Total sea and air	Sea					Air						
	Total <sup>2</sup>	Irish Republic	Other EC	Rest of Europe and Medi- terranean Sea area	Rest of world	Pleasure cruises <sup>3</sup>	Total <sup>4</sup>	Irish Republic	Other EC	Rest of Europe and Medi- terranean Sea area	Rest of world	
1980	32 760	11 801	1 248	10 211	228	25	90	20 959	930	6 142	7 430	6 457
1981	34 008	12 573	1 205	11 024	244	20	81	21 436	901	6 812	7 083	6 641
1982	34 803	13 166	1 312	11 551	250	11	43	21 637	860	6 858	7 796	6 124
1983	36 093	13 383	1 374	11 692	237	20	59	22 710	814	7 109	7 968	6 818
1984	37 868	13 084	1 441	11 327	238	18	59	24 784	834	7 740	9 055	7 156
1985	39 125	13 167	1 440	11 380	257	25	66	25 958	904	8 438	8 668	7 948
1986	41 810	13 492	1 339	11 835	247	18	53	28 318	1 051	14 963	4 316	7 988
1985 1st quarter	6 125	1 592	187	1 371	33	1	—	4 533	169	1 524	1 331	1 509
2nd quarter	10 556	3 632	365	3 171	64	8	23	6 924	229	2 252	2 364	2 079
3rd quarter	14 411	5 415	649	4 622	105	11	29	8 994	293	2 866	3 273	2 563
4th quarter	7 938	2 527	238	2 216	55	5	13	5 411	203	1 757	1 802	1 649
1986 1st quarter	6 793	1 889	201	1 645	42	1	—	4 904	202	2 240	861	1 602
2nd quarter	10 728	3 441	344	3 007	65	7	18	7 287	232	3 947	1 080	2 027
3rd quarter	15 531	5 573	581	4 870	91	7	24	9 958	351	5 604	1 455	2 548
4th quarter	8 755	2 585	213	2 314	49	3	7	6 170	266	3 173	920	1 810
1987 1st quarter	7 225	1 815	168	1 609	38	—	—	5 403	248	2 404	962	1 788
2nd quarter	12 471	3 609	350	3 166	63	7	23	8 862	329	4 778	1 317	2 437
3rd quarter	16 896	5 291	568	4 595	91	10	28	11 605	465	6 430	1 740	2 970
4th quarter	9 357	2 346	214	2 077	41	3	10	7 011	321	3 545	1 101	2 044
1988 1st quarter	7 829	1 627	176	1 415	34	1	2	6 202	342	2 708	1 165	1 987
2nd quarter	3 136	309	2 745	59	6	17						
Outward												
Total sea and air	Sea					Air						
	Total <sup>2</sup>	Irish Republic	Other EC	Rest of Europe and Medi- terranean Sea area	Rest of world	Pleasure cruises <sup>3</sup>	Total <sup>4</sup>	Irish Republic	Other EC	Rest of Europe and Medi- terranean Sea area	Rest of world	
1980	32 929	11 820	1 254	10 226	228	21	90	21 109	932	6 091	7 422	6 664
1981	34 299	12 649	1 217	11 086	249	16	81	21 650	905	6 791	7 269	6 685
1982	35 030	13 191	1 309	11 571	257	12	43	21 839	861	6 860	7 793	6 324
1983	36 158	13 394	1 387	11 696	231	15	65	22 765	813	7 092	7 974	6 886
1984	37 866	13 121	1 434	11 392	215	18	62	24 745	827	7 718	9 010	7 190
1985	39 105	13 119	1 426	11 384	220	18	71	25 986	903	8 472	8 615	7 996
1986	41 722	13 304	1 289	11 731	213	18	54	28 418	1 056	14 973	4 282	8 106
1985 1st quarter	6 103	1 566	168	1 368	28	1	—	4 537	163	1 529	1 325	1 520
2nd quarter	10 581	3 733	351	3 302	49	4	27	6 848	230	2 352	2 465	1 800
3rd quarter	14 483	5 362	649	4 577	97	9	30	9 119	286	2 876	3 255	2 699
4th quarter	7 848	2 459	257	2 136	47	5	14	5 389	211	1 678	1 639	1 862
1986 1st quarter	6 872	1 880	183	1 680	36	1	—	4 992	196	2 285	863	1 648
2nd quarter	10 834	3 470	307	3 088	51	6	18	7 364	231	4 233	1 071	1 829
3rd quarter	15 551	5 500	580	4 804	83	9	24	10 051	350	5 605	1 453	2 643
4th quarter	8 460	2 449	219	2 179	42	2	7	6 011	279	2 850	895	1 987
1987 1st quarter	7 197	1 797	139	1 621	35	1	—	5 395	232	2 437	947	1 780
2nd quarter	12 792	3 719	320	3 318	49	6	25	9 073	321	5 202	1 357	2 193
3rd quarter	16 938	5 256	573	4 555	89	10	29	11 682	462	6 381	1 728	3 112
4th quarter	9 136	2 272	249	1 975	35	3	10	6 864	343	3 203	1 062	2 256
1988 1st quarter	7 915	1 641	142	1 469	27	1	2	6 274	315	2 764	1 164	2 031
2nd quarter	3 225	283	2 875	44	3	20						

Notes: EC=European Community.  
Spain and Portugal have now joined the EEC.

Sources: Department of Transport  
Civil Aviation Authority

1. Excluding movement by land across the frontier between the Irish Republic and Northern Ireland, passengers travelling between the Channel Islands and Great Britain, passengers carried in aircraft chartered by British government departments and as far as possible, passengers travelling by sea on day trips and HM and other Armed Forces travelling in the course of their duties.

2. Including passengers on pleasure cruises beginning and/or ending at UK seaports.

3. To avoid disclosure the figure for the first quarter of each year is included with that for the second quarter.

4. The figures do not include oil rigs.

## Passenger movement

# 13.12 UK passenger movement by sea and air

Analysis by countries of landing and of embarkation

Thousands

	1986												1987				1985					
	1983				1984				1985				2nd quarter		3rd quarter		4th quarter		1st quarter		2nd quarter	
	1983	1984	1985	1986	1983	1984	1985	1986	1983	1984	1985	1986	1983	1984	1985	1986	1983	1984	1985	1986		
<b>European continent and Mediterranean Sea area</b>																						
By sea <sup>1</sup>																						
Total	23 856	23 172	23 241	24 026	6 211	9 848	4 584	3 303	6 597	9 330	4 128	2 944	5 722									
Belgium	4 415	4 608	4 411	3 792	896	1 542	788	347	877	1 407	697	533	781									
France <sup>2</sup>	16 140	15 353	15 645	16 867	4 408	7 063	3 106	2 488	4 777	6 740	2 821	1 898	4 087									
Netherlands	2 210	2 191	2 207	2 258	624	837	465	290	644	744	413	356	615									
Other European Community <sup>3</sup>	623	567	501	649	167	232	134	105	186	259	122	96	137									
Other countries	468	453	477	459	116	174	91	72	112	180	76	60	102									
By air																						
Total	30 265	33 023	34 222	38 722	10 322	14 167	7 948	6 855	12 750	16 474	9 080	8 039										
Austria	258	300	364	381	79	114	70	163	116	153	96	271										
Belgium	832	931	988	986	253	247	261	236	283	291	302	281										
Denmark	548	557	613	622	164	172	155	130	180	192	168	142										
Finland	150	171	183	206	55	66	51	55	83	91	71	61										
France	3 275	3 511	3 736	3 667	933	1 073	810	924	1 115	1 216	980	1 151										
Eastern Europe <sup>4</sup>	409	468	591	542	125	192	105	116	152	226	135	156										
Germany FR	3 165	3 537	3 796	3 974	947	1 123	919	1 036	1 134	1 280	1 033	1 109										
Greece	2 007	2 349	2 875	3 349	1 035	1 759	457	88	1 299	2 090	502	109										
Irish Republic	1 645	1 660	1 807	2 107	463	701	546	480	650	927	664	657										
Italy	2 495	2 584	2 583	2 714	692	1 040	473	515	848	1 178	523	562										
Malta	701	602	596	746	180	318	168	112	263	416	210	137										
Netherlands	1 824	1 983	2 227	2 311	608	629	587	513	710	748	689	616										
Norway	616	646	721	706	185	198	167	151	188	204	182	187										
Portugal	1 068	1 216	1 547	1 916	538	766	384	234	638	851	410	248										
Spain	8 293	9 215	7 751	10 290	2 982	4 372	1 948	1 138	3 741	4 930	2 110	1 223										
Sweden	454	503	511	566	156	152	147	125	180	171	168	151										
Switzerland	1 712	1 872	2 016	2 112	486	546	442	677	575	581	492	762										
Turkey	103	142	190	257	62	117	50	37	137	233	88	54										
Yugoslavia	480	581	813	899	287	470	110	36	342	555	136	52										
Other countries <sup>5</sup>	230	262	313	368	92	114	99	89	116	139	120	109										
<b>Mediterranean Area</b>																						
Total	1 594	1 652	1 779	1 919	473	651	435	374	554	731	496	419										
Cyprus	330	430	499	617	168	252	127	73	190	267	134	83										
Near East <sup>6</sup>	580	576	566	135	184	134	119	147	202	151	151	136										
North Africa <sup>7</sup>	684	646	715	734	169	215	174	182	217	263	210	200										
<b>Rest of World</b>																						
By sea																						
Total	35.4	36.1	42.4	36.1	13.2	15.7	5.2	1.2	12.9	19.8	6.9	1.5	9.7									
United States of America	28.7	28.8	35.1	31.3	11.2	15.0	4.9	0.4	10.5	18.5	6.6	0.4	8.7									
Canada	1.7	1.1	1.4	1.5	0.6	0.6	0.2	—	1.0	1.2	0.2	—	—									
Australia	1.3	1.6	1.9	0.1	0.6	—	—	0.4	0.6	—	—	0.3	0.4									
New Zealand	0.2	0.3	—	0.4	0.2	—	—	0.2	0.2	—	—	0.1	0.1									
South Africa	1.4	2.3	2.4	0.8	0.1	0.1	—	0.1	0.1	—	—	—	—									
West Africa	0.3	0.2	0.2	0.2	0.1	—	—	—	—	—	0.1	0.1	0.1									
British West Indies and Bermuda	0.1	0.1	—	—	—	—	—	—	—	—	—	—	—									
Other countries <sup>8</sup>	1.6	1.6	1.3	0.8	0.5	—	—	0.1	0.6	0.1	0.1	0.1	0.4									
By air																						
Total	14 412	15 743	16 769	16 780	4 047	5 353	3 945	3 695	4 780	6 264	4 485	4 193										
Australia and New Zealand	500	509	510	495	109	123	135	135	128	143	125	153										
Canada	1 366	1 387	1 528	1 501	409	639	269	209	461	725	289	229										
Canary Islands	1 267	1 635	1 763	2 388	554	708	626	656	695	831	699	706										
Caribbean <sup>9</sup>	355	374	398	419	95	113	110	111	119	151	142	127										
Central Africa <sup>10</sup>	63	67	68	67	15	21	16	16	17	24	19	19										
Central America <sup>11</sup>	6	1	—	—	—	—	—	—	—	—	—	—										
East Africa <sup>12</sup>	212	216	235	243	47	76	64	64	60	90	68	68										
Far East <sup>13</sup>	1 038	1 114	1 232	1 341	323	381	347	342	365	434	376	364										
Indian continent <sup>14</sup>	609	594	636	666	148	179	173	170	165	192	187	199										
Japan	264	303	337	357	82	97	95	98	105	135	121	125										
Middle East <sup>15</sup>	977	999	1 030	1 041	240	343	220	219	231	343	226	230										
Southern Africa <sup>16</sup>	420	446	432	395	94	102	107	105	115	127	119	121										
South America <sup>17</sup>	82	82	95	106	21	31	28	29	27	35	31	34										
United States of America	5 784	6 517	6 970	6 345	1 533	2 179	1 453	1 277	2 018	2 708	1 742	1 488										
West Africa <sup>18</sup>	575	502	568	549	140	155	105	86	78	94	100	99										
Other countries <sup>19</sup>	109	121	142	183	44	44	48	51	46	50	54	58										
Oil rigs	788	887	825	686	191	162	148	126	150	182	186	176										

1. Passengers to and from North Africa and Middle East Mediterranean countries have been attributed to the European continent and Mediterranean Sea areas. 2. Including hovercraft passengers.

3. Consists of Denmark, Germany (Federal Republic), and Italy. 4. Including Albania, Bulgaria, Czechoslovakia, German Democratic Republic, Hungary, Poland, Rumania, and Union of Soviet Socialist Republics. 5. Including Faroes, Gibraltar, Iceland, Luxembourg. 6. Including Jordan, Lebanon, Israel and Syria. 7. Including Algeria, Egypt, Libya, Morocco, and Tunisia. 8. Figures for Other countries cover mainly passengers to or from the Canary Islands, Madeira and the Azores. 9. Including Bahamas, Barbados, Bermuda, Cayman Islands, French Antilles, Jamaica, Leeward Islands, Netherlands Antilles, Puerto Rico, Trinidad and Tobago, Turks and Caicos Islands, U.S. Virgin Islands, Windward Islands. 10. Including Angola, Central African Republic, El Salvador, Guatemala, Haiti, Honduras, Mexico, Nicaragua, and Panama. 11. Including Belize, Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Mexico, Nicaragua, and Panama. 12. Including Burundi, Djibouti, Ethiopia, Kenya, Rwanda, Somaliland, Sudan, Tanzania, and Uganda. 13. Including Bandar Seri Begawan, Burma, China, Hongkong, Indonesia, Kampuchea, Korea, Laos, Malaysia, Nepal, Philippines, Singapore, Taiwan, Thailand, and Vietnam. 14. Including Afghanistan, Bangladesh, India, Pakistan and Sri Lanka. 15. Including Iran, Iraq, Kuwait, Persian Gulf States, Republic of North Yemen, Republic of South Yemen, Saudi Arabia and United Arab Emirates. 16. Including Botswana, Lesotho, Mozambique, Namibia, South African Republic, Swaziland, and Zimbabwe. 17. Including Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Guyana, Paraguay, Peru, Uruguay and Venezuela. 18. Including Benin, Cameroon, Equatorial Guinea, Gabon, Gambia, Ghana, Guinea, Guinea Bissau, Ivory Coast, Liberia, Mali, Mauritania, Niger, Nigeria, Senegal, Sierra Leone, Togo, Upper Volta and Western Sahara. 19. Atlantic Ocean Islands, Indian Ocean Islands, Pacific Ocean Islands.

Sources: Department of Transport  
Civil Aviation Authority

# 14 Retailing

## 14.1

### Index numbers of retail sales<sup>1</sup> Seasonally adjusted

Sales: weekly average 1980=100

	All	Food	Mixed	Non-food retailers			All	Food	Mixed	Non-food retailers				
	retailers	retailers	retail business	Total	Clothing and footwear goods	Household goods	Other non-food	retailers	retail business	Total	Clothing and footwear goods	Household goods	Other non-food	
Sales in 1980 (£m)	58 377	22 859	10 945	24 573	5 413	9 234	9 926	58 377	22 859	10 945	24 573	5 413	9 234	9 926
<b>Volume</b>														
1982	102.1	101.5	103.9	101.9	101	106	99	117.1	118.9	115.0	116.4	109	115	122
1983	107.4	105.0	108.3	109.2	110	118	100	127.9	127.6	124.5	129.6	124	131	132
1984	111.3	106.9	111.2	115.5	119	126	103	138.2	137.1	132.9	141.7	138	143	143
1985	116.4	110.8	116.7	121.4	128	135	105	150.4	147.0	146.0	155.4	155	157	154
1986	122.6	114.4	123.6	129.9	137	150	107	162.9	157.0	159.3	170.1	170	175	165
1987	129.8	118.8	131.1	139.4	148	162	113	176.4	167.7	172.9	185.9	186	192	180
1987 2nd quarter	128.6	118.0	128.5	138.4	146	161	113	173.9	165.9	168.6	183.8	185	190	177
3rd quarter	131.7	119.6	133.0	142.4	150	167	115	178.8	168.9	175.3	189.7	189	198	183
4th quarter	133.4	120.6	135.5	144.3	154	168	117	183.1	172.5	181.1	193.9	195	199	188
1988 1st quarter	135.3	123.2	136.8	145.8	154	172	117	187.2	177.6	183.3	197.8	196	206	191
2nd quarter	136.7	124.6	135.1	148.6	154	175	121	190.7	180.0	183.6	203.8	201	212	198
1987 October	133.0	120.7	136.8	142.8	155	166	114	181.9	171.8	181.5	191.5	196	197	184
November	133.6	120.3	137.7	144.1	154	168	116	183.4	172.0	183.7	193.9	195	200	187
December	133.5	120.8	132.8	145.6	152	170	119	183.9	173.5	178.6	195.8	195	200	192
1988 January	134.9	123.6	137.5	144.3	151	169	118	186.8	178.4	183.6	196.1	192	202	193
February	135.3	123.1	135.3	146.7	157	172	118	187.0	177.1	181.6	198.7	201	205	192
March	135.5	123.1	137.4	146.2	153	175	116	187.6	177.5	184.5	198.5	196	209	190
April	136.4	125.2	135.1	147.5	151	173	122	189.6	180.6	181.8	201.4	194	209	199
May	136.8	124.0	132.9	150.4	156	177	122	190.9	179.0	181.2	206.3	205	215	199
June	136.8	124.5	136.9	148.2	156	175	119	191.4	180.4	187.1	203.7	205	212	195
July	140.1	125.2	139.4	154.2	158	189	120	195.8	182.2	190.4	210.8	205	228	198

1. Great Britain only.

Source: Business Statistics Office

## 14.2

### Index numbers of retail sales; retail stocks<sup>1</sup> Unadjusted value series

Sales: weekly average 1980=100

	All	Food retailers						Clothing and footwear retailers					
	retailers	Total value of sales	Grocers	Dairy-men	Butchers	Fish-mongers	Green-grocers, fruiterers	Bread and flour confectioners	Total value of sales	Men and boys' wear	Women's wear and general clothing retailers, leather and travel	Footwear	
Sales in 1980 (£m)	58 377	22 859	17 342	1 481	2 231	154	844	807	5 413	1 192	2 972	1 249	
1982	117.1	119	121	116	109	113	120	100	109	103	108	117	
1983	127.9	128	131	121	114	118	131	109	124	112	124	134	
1984	138.2	137	141	124	121	122	148	121	138	120	140	151	
1985	150.4	147	153	127	121	126	146	124	155	135	158	167	
1986	162.9	157	166	131	120	136	153	132	170	150	174	180	
1987	176.4	168	179	133	121	140	159	139	186	165	192	194	
1987 2nd quarter	166	166	175	134	116	146	178	137	175	152	176	194	
3rd quarter	172	165	175	133	116	138	160	145	187	165	189	202	
4th quarter	211	183	197	132	132	143	147	143	238	214	250	234	
1988 1st quarter	173	173	186	130	121	143	156	138	162	141	169	163	
2nd quarter	181	178	192	137	116	148	180	144	191	171	194	202	
1987 October	181	168	181	129	119	134	139	144	199	158	208	217	
November	198	176	190	129	122	134	135	147	208	176	224	204	
December	245	200	216	137	149	158	162	139	294	291	305	271	
1988 January	176	169	180	134	124	144	148	136	179	162	185	182	
February	168	171	183	132	122	142	160	140	149	132	156	149	
March	175	177	192	125	119	143	158	138	157	131	168	157	
April	180	178	191	139	118	141	168	145	181	161	184	195	
May	180	180	193	138	116	153	179	143	189	162	191	209	
June	182	178	191	136	114	150	191	143	200	187	204	203	
July	191	181	194	137	119	156	179	155	211	195	218	209	

Source: Business Statistics Office

## Retailing

# 14.2 Index numbers of retail sales; retail stocks<sup>1</sup>

Unadjusted value series

continued

Sales: weekly average 1980=100

Household goods retailers								Mixed retail business					Stocks at end of period £ million
	Total value of sales	Furniture, carpet and household textiles retailers	Electrical and music goods retailers, Gas showrooms <sup>5</sup>	Hardware, china and fancy goods	DIY retailers	Electricity showrooms	TV and other hire and repair businesses	Total value of sales	Large mixed businesses <sup>3</sup>	Other mixed businesses	General mail order		
<i>Sales in 1980 (£ million)</i>	9 234	3 353	2 400	1 128	1 022	386	945						
1982	115	110	121	102	125	113	117						
1983	131	122	149	107	147	140	122						
1984	143	130	167	112	172	158	123						
1985	157	138	189	122	200	178	129						
1986	175	146	218	135	235	207	140						
1987	192	159	237	149	274	221	143						
1987 2nd quarter	175	147	192	145	289	196	134						
3rd quarter	190	161	223	147	287	220	138						
4th quarter	229	178	325	173	282	270	158						
1988 1st quarter	196	170	237	143	287	205	148						
2nd quarter	195	167	208	158	350	214	135						
1987 November	226	183	305	159	290	284	164						
December	252	184	395	208	269	247	171						
1988 January	210	192	257	146	262	234	163						
February	192	165	231	140	287	193	149						
March	189	156	226	144	308	192	136						
April	199	166	215	154	364	219	140						
May	195	162	208	157	360	211	135						
June	193	171	203	161	329	212	131						
July	220	204	254	168	336	202	135						
All other non-food retailers								Mixed retail business					All kinds of businesses
	Total value of sales	Confec- tions, tobacco- nists and news- agents	Off- licences	Chemist <sup>2</sup>	Book- sellers, stationers and news- agents	Jewellers	Toys, hobby and sports goods and cycle retailers	All other non- food	Total value of sales	Large mixed busi- nesses <sup>3</sup>	Other mixed busi- nesses	General mail order	
<i>Sales in 1980 (£ million)</i>	9 926	4 667	1 463	669	724	847	783	774	10 945	7 964	646	2 335	7 111 <sup>4</sup>
1982	122	125	120	134	125	115	101	122	115	118	115	104	8 062
1983	132	132	130	146	145	126	113	134	125	129	123	109	8 417
1984	143	141	144	161	158	138	126	143	133	138	130	117	9 277
1985	154	148	157	183	181	153	138	157	146	152	138	130	9 987
1986	165	154	169	199	205	171	153	167	159	166	151	140	11 006
1987	180	161	180	219	236	208	178	180	173	179	164	154	12 062
1987 2nd quarter	169	158	171	205	197	165	151	197	152	154	150	145	11 399
3rd quarter	177	160	163	222	225	191	176	175	159	164	163	142	11 850
4th quarter	217	176	216	259	313	329	257	179	235	254	210	178	12 062
1988 1st quarter	175	166	155	216	246	181	150	188	160	160	144	164	12 119
2nd quarter	187	170	181	235	234	199	171	216	165	167	165	157	12 576
1987 November	193	167	182	237	285	228	234	166	222	230	190	205	
December	267	195	280	306	356	518	354	195	289	334	263	144	
1988 January	168	159	146	211	257	175	145	164	168	164	159	183	
February	175	166	154	220	245	173	152	193	147	146	134	152	
March	181	172	163	217	239	191	153	203	163	167	140	157	
April	185	174	172	221	235	183	168	219	166	166	159	168	
May	187	169	183	250	229	192	160	231	160	163	157	149	
June	188	167	186	234	236	217	183	203	168	171	177	154	
July	195	172	190	252	249	244	194	195	177	186	190	144	

1. Index numbers of sales in Great Britain; value of stocks in the United Kingdom.

Source: *Business Statistics Office*

2. Excluding receipts under the National Health Service.

3. With turnovers of £10 million or more in 1984.

4. Value of stocks at end of 1980.

5. Indices for Gas showrooms are no longer published separately.

# 15 External trade

## 15.1 Value of exports (f.o.b) and imports (c.i.f.) : analysis by commodity classes

£ million, seasonally adjusted

SITC (Rev. 2) Section, Division or Group	Total	Food, bever- ages and tobacco	Basic materials	Total manu- factures	Manufactures excluding erratic <sup>1</sup>										
					Semi-manufactures excluding precious stones and silver (PS)					Finished manufactures excluding ships, North Sea installations and aircraft (SNA)					
					Total	Chem- icals	Other	Total	Passen- ger motor cars	Other con- sumer	Inter- mediate	Capital			
		0 and 1	2 and 4	3	5 to 8	5 to 8 less SNAPS	5 and 6 less PS	5	6 less PS	7 and 8 less SNA	2	2	2	2	
<b>Exports</b>															
1982	55 314	3 964	1 373	11 222	37 296	34 035	12 554	6 134	6 420	21 481	960	3 351	9 745	7 425	
1983	60 590	4 245	1 630	13 087	40 061	35 744	13 674	6 949	6 726	22 070	1 003	3 739	9 814	7 515	
1984	70 373	4 698	2 044	15 290	46 668	42 134	16 202	8 236	7 967	25 932	1 050	4 514	11 735	8 632	
1985	78 263	4 976	2 183	16 776	52 474	48 441	18 328	9 431	8 896	30 113	1 343	5 057	14 119	9 595	
1986	72 834	5 484	2 098	8 664	54 564	49 666	18 651	9 711	8 940	31 015	1 362	5 534	14 321	9 798	
1987	79 852	5 599	2 243	8 747	61 009	55 413	20 360	10 541	9 818	35 054	1 980	6 797	15 244	11 032	
<b>1987</b>	<b>January</b>	<b>6 244</b>	<b>471</b>	<b>213</b>	<b>753</b>	<b>4 643</b>	<b>4 221</b>	<b>1 513</b>	<b>767</b>	<b>746</b>	<b>2 708</b>	<b>151</b>	<b>507</b>	<b>1 178</b>	<b>872</b>
	February	6 810	483	229	774	5 121	4 669	1 726	895	831	2 943	135	596	1 295	917
	March	6 476	445	191	775	4 893	4 410	1 636	848	788	2 774	166	526	1 231	851
	April	6 602	451	197	840	4 927	4 469	1 603	835	768	2 866	171	571	1 243	881
	May	6 309	452	173	652	4 837	4 394	1 620	837	782	2 774	152	521	1 224	877
	June	6 369	448	196	624	4 903	4 451	1 656	842	815	2 794	155	515	1 238	886
	July	6 703	494	174	668	5 181	4 635	1 722	868	855	2 913	178	578	1 250	907
	August	6 603	466	190	780	4 988	4 644	1 754	916	838	2 890	165	546	1 246	933
	September	6 969	482	176	686	5 459	4 985	1 814	952	862	3 171	180	660	1 322	1 010
	October	6 977	495	160	719	5 378	4 781	1 735	890	845	3 046	193	556	1 346	952
	November	6 922	452	175	731	5 361	4 832	1 771	921	850	3 080	185	605	1 287	985
	December	6 867	460	168	744	5 318	4 921	1 809	970	838	3 113	149	617	1 384	962
<b>1988</b>	<b>January</b>	<b>6 267</b>	<b>403</b>	<b>179</b>	<b>647</b>	<b>4 880</b>	<b>4 607</b>	<b>1 674</b>	<b>877</b>	<b>797</b>	<b>2 933</b>	<b>166</b>	<b>547</b>	<b>1 315</b>	<b>904</b>
	February	6 238	412	148	595	4 929	4 531	1 649	849	799	2 882	138	523	1 245	976
	March	6 504	455	161	516	5 169	4 696	1 742	935	807	2 964	188	510	1 289	967
	April	6 864	493	166	554	5 489	4 943	1 761	906	855	3 181	123	548	1 425	1 085
	May	6 547	485	166	481	5 257	4 750	1 759	883	876	2 990	130	522	1 324	1 014
	June	6 993	470	190	519	5 640	5 046	1 850	928	922	3 196	206	533	1 271	1 186
	July	6 842	534	192	429	5 516	5 116	1 849	952	897	3 266	156	563	1 356	1 192
<b>Imports</b>															
1982	56 624	7 198	4 010	7 399	37 099	34 781	12 726	4 189	6 537	22 055	2 882	6 223	6 972	5 979	
1983	65 581	7 824	4 857	7 065	44 915	41 587	14 803	5 130	9 673	26 784	3 659	7 211	8 483	7 432	
1984	78 760	8 874	5 523	10 320	52 982	49 679	17 817	6 336	11 482	31 862	3 670	8 394	10 660	9 136	
1985	84 905	9 275	5 496	10 648	58 286	54 908	19 494	6 916	12 578	35 414	4 165	8 970	12 141	10 137	
1986	85 568	10 033	5 066	6 278	62 810	59 447	20 595	7 361	13 234	38 852	4 809	10 158	13 251	10 634	
1987	94 016	10 132	5 588	6 099	70 955	67 377	23 319	8 347	14 971	44 058	5 024	11 502	15 364	12 168	
<b>1987</b>	<b>January</b>	<b>7 210</b>	<b>797</b>	<b>475</b>	<b>473</b>	<b>5 369</b>	<b>5 113</b>	<b>1 736</b>	<b>632</b>	<b>1 104</b>	<b>3 377</b>	<b>378</b>	<b>789</b>	<b>1 184</b>	<b>1 026</b>
	February	7 475	895	484	552	5 452	5 175	1 850	682	1 167	3 325	329	933	1 130	932
	March	7 213	797	455	456	5 427	5 108	1 805	640	1 165	3 303	364	894	1 158	888
	April	7 389	766	484	527	5 523	5 255	1 833	657	1 176	3 422	373	901	1 217	932
	May	7 744	902	479	411	5 870	5 625	1 964	680	1 283	3 661	404	954	1 296	1 007
	June	7 566	793	470	527	5 699	5 345	1 845	673	1 172	3 500	422	965	1 172	941
	July	8 032	841	469	540	6 077	5 768	1 939	693	1 246	3 829	450	966	1 348	1 065
	August	8 442	849	496	568	6 421	6 085	766	1 332	3 987	527	1 023	1 379	1 058	
	September	8 076	860	483	528	6 100	5 806	2 006	698	1 308	3 800	421	1 001	1 319	1 059
	October	8 273	828	481	463	6 399	6 002	2 064	727	1 337	3 938	448	1 036	1 383	1 071
	November	8 330	852	460	526	6 392	6 105	2 068	721	1 346	4 037	458	1 077	1 427	1 075
	December	8 265	952	453	526	6 226	5 989	2 111	778	1 333	3 879	452	963	1 351	1 112
<b>1988</b>	<b>January</b>	<b>8 159</b>	<b>830</b>	<b>427</b>	<b>411</b>	<b>6 396</b>	<b>6 144</b>	<b>2 073</b>	<b>718</b>	<b>1 355</b>	<b>4 071</b>	<b>567</b>	<b>931</b>	<b>1 396</b>	<b>1 177</b>
	February	8 097	853	465	414	6 275	5 894	2 061	730	1 331	3 833	487	929	1 297	1 120
	March	7 865	865	487	452	5 946	5 645	2 043	685	1 358	3 602	386	914	1 236	1 065
	April	8 498	866	479	369	6 685	6 347	2 182	767	1 415	4 165	514	1 006	1 448	1 197
	May	8 619	854	469	394	6 800	6 300	2 155	724	1 430	4 145	505	1 012	1 469	1 159
	June	8 789	857	483	518	6 836	6 409	2 192	789	1 403	4 217	618	1 004	1 422	1 173
	July	9 904	937	573	503	7 774	7 344	2 433	873	1 560	4 911	650	1 167	1 725	1 368

Note: The statistics are on an overseas trade statistics basis ( see footnote 1. to Table 15.7).

Source: Department of Trade and Industry

1. These are defined as ships, North Sea installations (together comprising SITC (Rev 2)(793), aircraft (792) precious stones (667) and silver (681.1).

2. Based on the Classification by Broad Economic Categories (BEC) published by the United Nations.

External trade

**15.2** Value of United Kingdom exports (f.o.b.)<sup>1 2</sup>

£ million

	1986	1987	1988	1988				Jan/July 1988 compared with Jan/July 1987
				1st quarter	-			
					2nd quarter	May	June	July
<b>0. Food and live animals chiefly for food</b>	<b>3 745.8</b>	<b>3 730.4</b>	<b>831.7</b>	<b>835.8</b>	<b>271.3</b>	<b>275.2</b>	<b>268.7</b>	<b>-7</b>
00. Live animals other than animals of Division 03	299.9	325.8	55.0	38.0	14.7	18.9	18.8	+3
01. Meat and meat preparations	521.9	626.0	133.8	134.8	41.9	51.1	46.5	-8
02. Dairy products and birds' eggs	331.5	314.1	96.1	104.4	30.3	34.6	40.9	+27
03. Fish (not marine mammals), crustaceans, molluscs and aquatic invertebrates and preparations thereof	328.9	407.2	82.5	85.3	26.5	33.1	29.4	-9
04. Cereals and cereal preparations	1177.5	831.2	177.6	200.7	71.4	52.1	39.4	-24
05. Vegetables and fruit	251.7	300.3	58.5	49.5	15.4	16.1	14.8	-21
06. Sugar, sugar preparations and honey	170.4	218.6	43.9	53.1	18.8	17.8	19.4	-5
07. Coffee, tea, cocoa, spices and manufactures thereof	364.0	377.5	88.5	77.1	23.1	25.6	26.6	-3
08. Feeding stuff for animals (not including unmilled cereals)	139.3	155.8	43.9	41.0	13.0	13.0	15.3	+11
09. Miscellaneous edible products and preparations	160.6	173.9	51.8	52.0	16.0	17.9	17.7	+18
<b>1. Beverages and tobacco</b>	<b>1 737.9</b>	<b>1 861.4</b>	<b>453.2</b>	<b>487.9</b>	<b>160.4</b>	<b>171.4</b>	<b>170.5</b>	<b>+13</b>
11. Beverages	1 331.6	1 411.6	335.9	360.5	119.6	127.9	126.3	+11
12. Tobacco and tobacco manufactures	406.3	449.8	117.3	127.4	40.8	43.5	44.3	+20
<b>2. Crude materials, inedible, except fuels</b>	<b>1 940.9</b>	<b>1 925.9</b>	<b>514.0</b>	<b>507.0</b>	<b>161.5</b>	<b>181.5</b>	<b>159.6</b>	<b>-</b>
21. Hides, skins and fur skins, raw	260.2	311.5	83.9	63.7	20.8	22.4	20.0	-17
22. Oil seeds and oleaginous fruit	155.5	86.2	16.3	11.5	6.1	2.9	1.1	-56
23. Crude rubber (including synthetic and reclaimed)	183.0	180.0	47.6	47.7	16.9	16.0	15.4	+3
24. Cork and wood	22.9	26.0	6.8	7.5	2.4	2.8	2.1	-1
25. Pulp and waste paper	25.0	33.9	9.6	11.8	3.4	3.9	4.0	+39
26. Textile fibres (other than wool tops and other combed wool) and their wastes (not manufactured into yarn fabric)	373.0	397.0	114.0	107.1	36.5	34.8	35.5	+5
27. Crude fertilisers other than those of division 56, and crude minerals (excluding coal, petroleum and precious stones)	271.9	340.6	82.6	83.9	29.6	29.7	26.8	-9
28. Metalliferous ores and metal scrap	538.9	451.1	127.3	151.2	39.4	61.2	47.6	+27
29. Crude animal and vegetable materials	110.4	99.8	25.8	22.7	6.5	7.8	6.9	-5
<b>3. Mineral fuels, lubricants and related materials</b>	<b>8 671.9</b>	<b>8 769.0</b>	<b>1 735.8</b>	<b>1 519.7</b>	<b>472.7</b>	<b>547.7</b>	<b>441.5</b>	<b>-27</b>
33. Petroleum, petroleum products and related materials	8 207.9	8 465.8	1 657.7	1 463.4	453.4	532.9	422.2	-28
32, 34 and 35. Coal, coke, gas and electric current	464.0	303.1	78.1	56.4	19.2	14.8	19.3	-19
<b>4. Animal and vegetable oils, fats and waxes</b>	<b>105.3</b>	<b>263.5</b>	<b>24.2</b>	<b>20.4</b>	<b>6.9</b>	<b>6.8</b>	<b>5.9</b>	<b>-76</b>
<b>5. Chemicals and related products</b>	<b>9 676.8</b>	<b>10 519.7</b>	<b>2 754.6</b>	<b>2 820.1</b>	<b>921.5</b>	<b>977.1</b>	<b>902.8</b>	<b>+7</b>
51. Organic chemicals	2 571.0	2 831.1	790.0	768.0	254.4	256.8	255.1	+12
52. Inorganic chemicals	1 123.3	1 100.1	229.6	250.6	85.6	81.7	86.8	-10
53. Dyeing, tanning and colouring materials	763.2	879.0	229.5	242.7	76.4	86.7	76.8	+7
54. Medicinal and pharmaceutical products	1 532.7	1 620.7	399.9	428.7	143.3	148.7	138.5	+6
55. Essential oils and perfume materials; toilet, polishing and cleansing materials	807.7	886.4	227.7	234.7	74.4	85.4	76.1	+8
56. Fertilisers (other than those of group 272)	67.4	85.4	26.2	24.5	7.0	6.4	5.6	+29
57. Plastic in primary forms	42.8	45.7	274.0	287.9	92.7	107.0	92.5	+2 468
58. Plastics in non-primary forms								
esters and ethers								
59. Chemical materials and products, not elsewhere specified <sup>2</sup>	1 401.1	1 553.1	150.4	160.6	51.8	58.6	51.1	-60
	1 367.5	1 518.1	427.2	422.4	135.9	145.9	120.3	+6
<b>6. Manufactured goods classified chiefly by material</b>	<b>10 977.8</b>	<b>11 877.3</b>	<b>2 853.2</b>	<b>3 428.2</b>	<b>1 098.8</b>	<b>1 225.9</b>	<b>1 070.5</b>	<b>+5</b>
61. Leather, leather manufactures n.e.s., and dressed fur skins	321.5	372.9	76.7	81.9	26.9	27.5	29.2	-17
62. Rubber manufactures n.e.s.	611.8	677.9	173.3	185.4	58.7	68.0	59.8	+6
63. Cork and wood manufactures (excluding furniture)	77.2	85.6	19.2	21.7	7.5	7.4	6.4	-5
64. Paper, paperboard and articles of paper pulp, of paper or of paperboard	824.3	971.1	257.9	280.8	90.9	99.2	90.4	+11
65. Textile yarn, fabrics, made-up articles n.e.s., and related products	1 711.5	1 886.2	465.0	499.2	163.4	180.3	157.8	+3
66. Non-metallic mineral manufactures n.e.s.	2 549.3	2 654.1	607.2	912.5	276.8	323.3	248.7	+13
67. Iron and steel	1 866.5	2 186.0	553.5	638.2	216.4	215.2	203.1	+6
68. Non-ferrous metals	1 551.3	1 502.2	334.4	419.5	132.0	163.3	141.3	+1
69. Manufactures of metal n.e.s.	1 464.5	1 541.3	365.9	388.9	126.3	141.6	133.9	+1

See Note and footnotes on page 93.

Source: Department of Trade and Industry

## 15.2

Value of United Kingdom exports (f.o.b.)<sup>1</sup>

continued

	1986	1987	1988				Jan/July 1988 compared with Jan/July 1987		
			1st quarter	2nd quarter	May	June	July		
<b>7. Machinery and transport equipment</b>	<b>25 351.2</b>	<b>28 803.1</b>	<b>7 134.4</b>	<b>7 883.4</b>	<b>2 508.8</b>	<b>2 813.3</b>	<b>2 561.0</b>	<b>+7</b>	
71. Power generating machinery and equipment	3 251.1	3 241.4	847.5	916.3	312.1	315.3	341.5	+13	
72. Machinery specialised for particular industries	3 101.1	3 300.5	779.8	834.2	274.0	293.6	275.0	-2	
73. Metalworking machinery	581.2	691.1	200.1	203.7	60.8	66.1	68.4	+22	
74. General industrial machinery and equipment n.e.s., and machine parts n.e.s.	3 037.2	3 097.5	815.9	917.2	293.5	320.5	306.0	+13	
75. Office machines and automatic data processing equipment	3 561.9	4 483.2	1 106.3	1 278.1	399.6	468.5	430.2	+16	
76. Telecommunications and sound recording and reproducing apparatus and equipment	1 401.6	1 567.7	422.6	431.6	125.2	144.4	140.9	+18	
77. Electrical machinery, apparatus and appliances electrical counterparts n.e.s. of electrical household type equipment	3 382.6	3 786.1	988.7	1 087.0	348.9	377.2	365.7	+14	
78. Road vehicles (including air cushion vehicles)	3 953.5	4 876.8	1 211.0	1 231.4	385.2	460.3	406.2	-	
79. Other transport equipment	3 080.9	3 758.9	762.4	983.9	309.3	367.4	227.1	-8	
<b>8. Miscellaneous manufactured articles</b>	<b>8 574.7</b>	<b>9 839.8</b>	<b>2 658.9</b>	<b>2 096.6</b>	<b>790.5</b>	<b>830.3</b>	<b>852.4</b>	<b>+3</b>	
81. Prefabricated buildings, sanitary plumbing, heating and lighting fixtures and fittings n.e.s.	126.3	133.1	45.6	51.7	19.4	17.4	17.7	+58	
82. Furniture and parts thereof, bedding, mattresses, stuffed furnishings	356.3	394.7	87.0	92.8	28.2	31.8	31.9	-4	
83. Travel goods, handbags and similar containers	30.6	34.8	9.9	10.5	3.4	3.5	3.6	+25	
84. Articles of apparel and clothing accessories	1 228.2	1 428.8	306.2	288.0	87.6	96.4	118.8	+1	
85. Footwear	167.2	186.6	48.8	47.2	15.7	15.6	18.8	+18	
87. Professional, scientific and controlling instruments and apparatus n.e.s.	2 283.7	2 328.5	632.4	621.0	201.1	218.7	213.0	+11	
88. Photographic apparatus, equipment and supplies and optical goods n.e.s., watches and clocks <sup>2</sup>	843.3	976.2	247.2	253.9	79.5	90.1	90.0	+2	
89. Miscellaneous manufactured articles n.e.s. <sup>2</sup>	3 539.2	4 357.1	1 279.9	731.6	355.6	356.7	358.6	-2	
<b>5-8. Manufactured goods</b>	<b>54 580.5</b>	<b>61 039.9</b>	<b>15 401.0</b>	<b>16 228.4</b>	<b>5 319.6</b>	<b>5 846.6</b>	<b>5 386.7</b>	<b>+6</b>	
<b>9. Commodities and transactions not classified elsewhere</b>	<b>2 205.5</b>	<b>2 261.3</b>	<b>220.9</b>	<b>764.0</b>	<b>139.0</b>	<b>167.8</b>	<b>164.9</b>	<b>-11</b>	
<b>Total United Kingdom exports</b>	<b>72 987.7</b>	<b>79 851.4</b>	<b>19 180.9</b>	<b>20 363.2</b>	<b>6 531.4</b>	<b>7 197.1</b>	<b>6 597.7</b>	<b>+1</b>	

Note: The statistics are on an overseas trade statistics basis (See footnote 1 to Table 15.7) to which a number of changes have been made to the coverage, with effect from 1 January 1981. The changes, which are described below, were previously taken into account by means of balance of payments adjustments.

Source: Department of Trade and Industry

a) Trade in precious stones now excludes consignments which cross national boundaries on a temporary basis only, i.e. for valuation or for exhibition, previously these were included in the *Overseas Trade Statistics* figures each time they arrived or left the United Kingdom.

b) Trade in secondhand aircraft is excluded where the aircraft are being imported or exported solely for the purpose of repair or modification, but the value of the work done in undertaking the repair or modification is included.

c) Certain atomic energy materials previously excluded are now included.

1. The numbers on the left hand side of the table refer to the Section and Division code numbers of the *Standard International Trade Classification*, Revision 3 which was introduced in January 1988.

2. The broad structure of SITC(R3) follows that of SITC(R2) but two major changes should be noted:-

- 1) Explosives and Pyrotechnic products: Division 57 in SITC(R2) forms part of Division 59 in SITC(R3), and
- 2) Military equipment: part of Section 9 in SITC(R2) forms part of Division 89 in SITC(R3).

# 15.3 Value of United Kingdom imports (c.i.f.)<sup>1</sup>

£ million  
Jan/July  
1988  
compared  
with  
Jan/July  
1987

	1986	1987	1988					Jan/July 1988 compared with Jan/July 1987
			1st quarter	2nd quarter	May	June	July	
<b>0. Food and live animals chiefly for food</b>	<b>8 718.6</b>	<b>8 724.8</b>	<b>2 190.3</b>	<b>2 242.7</b>	<b>717.1</b>	<b>805.0</b>	<b>769.4</b>	<b>+3</b>
00. Live animals other than animals of division 03	293.4	236.5	60.5	56.4	17.6	24.1	23.1	+45
01. Meat and meat preparations	1 465.3	1 562.2	383.8	405.8	126.0	155.9	157.0	+10
02. Dairy products and birds' eggs	653.2	617.8	179.7	172.5	51.3	67.2	75.9	+18
03. Fish (not marine animals), crustaceans, molluscs and aquatic invertebrates and preparations thereof	747.8	758.2	187.9	183.4	56.1	61.8	65.7	-4
04. Cereals and cereal preparations	769.3	741.2	200.9	175.6	56.7	59.4	52.9	+20
05. Vegetables and fruit	2 184.4	2 394.0	606.0	707.7	231.4	248.6	205.1	+1
06. Sugar, sugar preparations and honey	530.3	521.2	117.5	132.1	46.8	46.7	41.6	+4
07. Coffee, tea, cocoa, spices and manufactures thereof	1 220.6	997.2	252.4	214.6	69.6	70.9	66.2	-11
08. Feeding stuff for animals (not including unmilled cereals)	527.3	506.5	133.2	111.4	33.8	38.1	52.1	+1
09. Miscellaneous edible products and preparations	326.9	389.0	68.3	83.3	27.8	32.2	29.7	-23
<b>1. Beverages and tobacco</b>	<b>1 346.7</b>	<b>1 433.2</b>	<b>272.8</b>	<b>361.5</b>	<b>125.5</b>	<b>127.2</b>	<b>139.2</b>	<b>+5</b>
11. Beverages	1 007.9	1 105.4	204.0	293.2	97.8	104.7	110.7	+9
12. Tobacco and tobacco manufactures	338.7	327.9	68.8	68.2	27.7	22.5	28.5	-6
<b>2. Crude materials, inedible, except fuels</b>	<b>4 622.4</b>	<b>5 183.5</b>	<b>1 353.2</b>	<b>1 356.5</b>	<b>442.3</b>	<b>478.8</b>	<b>474.8</b>	<b>+6</b>
21. Hides, skins and fur skins, raw	216.4	264.1	81.3	42.4	15.0	10.7	7.2	-21
22. Oil seeds and oleaginous fruit	271.3	255.0	50.6	54.8	25.1	16.7	19.0	-17
23. Crude rubber (including synthetic and reclaimed)	203.5	227.1	58.6	57.9	21.1	18.5	17.5	+4
24. Cork and wood	1 000.3	1 198.5	279.8	337.2	98.4	134.3	128.5	+13
25. Pulp and waste paper	523.3	657.2	177.5	179.4	62.6	59.1	58.7	+6
26. Textile fibres (other than wool tops and other combed wool) and their wastes (not manufactured into yarn of fabric)	546.9	633.5	184.6	182.5	60.5	59.9	57.5	+13
27. Crude fertilisers other than those of division 56, and crude minerals (excluding coal, petroleum and precious stones)	317.1	286.6	79.9	76.1	24.2	26.9	27.6	+5
28. Metalliferous ores and metal scrap	1 139.5	1 222.9	306.5	326.2	101.1	122.8	126.1	+5
29. Crude animal and vegetable materials	404.1	438.6	134.4	100.0	34.4	30.0	30.8	+9
<b>3. Mineral fuels, lubricants and related materials</b>	<b>6 400.4</b>	<b>6 117.0</b>	<b>1 318.0</b>	<b>1 247.5</b>	<b>412.2</b>	<b>456.0</b>	<b>435.4</b>	<b>-14</b>
33. Petroleum, petroleum products and related materials	4 461.3	4 493.3	861.7	835.2	270.3	330.4	311.6	
32, 34 and 35. Coal, coke, gas and electric current	1 939.1	1 623.7	456.3	412.3	141.9	125.6	123.7	+3
<b>4. Animal and vegetable oils, fats and waxes</b>	<b>365.1</b>	<b>427.0</b>	<b>84.6</b>	<b>81.0</b>	<b>26.1</b>	<b>26.8</b>	<b>35.8</b>	<b>-31</b>
<b>5. Chemicals and related products</b>	<b>7 345.3</b>	<b>8 330.4</b>	<b>2 263.7</b>	<b>2 321.2</b>	<b>744.2</b>	<b>825.5</b>	<b>823.0</b>	<b>+12</b>
51. Organic chemicals	1 830.7	2 025.9	594.2	605.0	190.3	219.1	189.4	+18
52. Inorganic chemicals	951.4	987.3	201.9	220.6	63.3	80.1	116.5	-9
53. Dyeing, tanning and colouring materials	396.5	448.2	127.0	144.6	49.0	51.1	47.4	+22
54. Medicinal and pharmaceutical products	679.7	786.3	209.9	204.8	65.9	74.5	85.3	+14
55. Essential oils and perfume materials; toilet, polishing and cleansing materials	480.3	554.5	136.3	152.5	49.4	55.5	56.1	+10
56. Fertilisers (other than those of group 272)	213.2	210.6	66.7	50.0	16.3	11.7	14.2	+1
57. Plastic in primary forms	22.0	24.1	468.5	470.9	155.3	160.8	162.0	+8 376
58. Plastics in non-primary forms	1 985.2	2 415.9	218.2	228.5	75.8	80.4	76.8	-61
59. Chemical materials and products, not elsewhere specified <sup>2</sup>	786.4	877.6	240.9	244.5	78.9	83.4	75.3	+8
<b>6. Manufactured goods classified chiefly by material</b>	<b>15 328.1</b>	<b>16 970.3</b>	<b>4 666.7</b>	<b>4 912.1</b>	<b>1 667.6</b>	<b>1 700.3</b>	<b>1 680.4</b>	<b>+17</b>
61. Leather, leather manufactures n.e.s., and dressed fur skins	247.9	299.4	58.7	63.5	19.4	21.3	19.3	-18
62. Rubber manufactures n.e.s.	588.2	682.5	196.7	204.1	67.6	71.0	67.1	+20
63. Cork and wood manufactures (excluding furniture)	687.8	784.6	240.2	246.7	79.4	88.3	82.4	+21
64. Paper, paperboard and articles of paper pulp, of paper or of paperboard	2 702.8	3 238.2	859.6	874.2	289.7	313.6	304.2	+13
65. Textile yarn, fabrics, made-up articles n.e.s., and related products	3 162.4	3 497.6	923.5	923.6	311.6	317.5	301.6	+8
66. Non-metallic mineral manufactures n.e.s.	2 661.7	2 747.6	728.9	887.9	349.8	265.2	297.8	+20
67. Iron and steel	1 796.2	1 890.1	565.4	573.7	196.9	204.8	203.5	+25
68. Non-ferrous metals	1 835.7	1 942.5	610.9	956.2	175.5	227.3	211.6	+32
69. Manufactures of metal n.e.s.	1 644.5	1 887.8	482.9	542.2	177.7	191.2	192.9	+15

See Note and footnotes on page 95.

Source: Department of Trade and Industry

## 15.3

Value of United Kingdom imports (c.i.f.)<sup>1</sup>

continued

£ million

	1986	1987	1988	1988			Jan/July 1988 compared with Jan/July 1987
				1st quarter	2nd quarter	May	
<b>7. Machinery and transport equipment</b>							
71. Power generating machinery and equipment	28 765.7	32 795.2	9 040.6	10 106.0	3 279.2	3 571.8	3 647.5 +22
72. Machinery specialised for particular industries	2 237.3	2 513.3	649.8	768.9	254.4	250.8	321.9 +20
73. Metalworking machinery	2 362.7	2 856.8	804.6	900.9	291.5	317.8	318.3 +22
74. General industrial machinery and equipment n.e.s. and machine parts n.e.s.	645.7	567.7	213.3	178.8	49.8	59.4	82.0 +43
75. Office machines and automatic data processing equipment	2 757.2	3 012.2	823.6	904.6	296.8	319.7	317.7 +18
76. Telecommunications and sound recording and reproducing apparatus and equipment	4 542.1	5 431.2	1 446.8	1 493.3	463.3	524.3	538.2 +15
77. Electrical machinery, apparatus and appliances n.e.s. and electrical parts thereof ( including non-electrical counterparts n.e.s. of electrical household type equipment)	2 401.6	2 801.4	674.4	685.8	220.9	247.0	256.9 +14
78. Road vehicles ( including air cushion vehicles)	4 445.9	5 051.8	1 319.1	1 408.9	452.3	497.5	501.5 +16
	7 938.8	8 807.2	2 568.5	2 942.1	924.5	1 115.9	1 115.5 +27
79. Other transport equipment	1 434.5	1 753.6	540.5	822.8	325.7	239.4	195.6 +41
<b>8. Miscellaneous manufactured articles</b>							
81. Prefabricated buildings, sanitary plumbing, heating and lighting fixtures and fittings n.e.s.	11 386.1	12 888.1	3 371.4	3 310.6	1 133.1	1 211.4	1 276.4 +11
82. Furniture and parts thereof, bedding, mattresses, mattress supports, cushions and similar stuffed furnishings	216.6	254.5	79.3	81.0	27.6	28.8	28.2 +34
83. Travel goods, handbags and similar containers	776.0	878.1	223.2	250.2	83.5	88.6	83.8 +10
84. Articles of apparel and clothing accessories	199.9	230.9	61.0	58.4	20.3	21.5	24.3 +14
85. Footwear	2 386.1	2 778.4	798.6	631.6	201.9	226.4	286.1 +13
87. Professional, scientific and controlling instruments and apparatus n.e.s.	734.4	799.3	242.0	194.5	66.9	63.3	88.9 +9
88. Photographic apparatus, equipment and supplies and optical goods n.e.s., watches and clocks	1 790.0	1 903.6	482.5	507.6	161.2	182.7	172.8 +7
89. Miscellaneous manufactured articles n.e.s. <sup>2</sup>	1 285.6	1 357.9	315.7	359.2	120.2	124.8	131.6 +6
	3 997.5	4 685.4	1 169.1	1 228.1	451.4	475.2	460.6 +11
<b>8-8. Manufactured goods</b>	62 825.3	70 984.0	19 342.5	20 649.9	6 824.1	7 309.1	7 427.2 +17
<b>9. Commodities and transactions not classified elsewhere</b>	1 897.0	1 146.2	252.6	382.5	82.8	117.8	128.3 +29
<b>Total United Kingdom imports</b>	86 175.5	94 015.7	24 813.9	26 321.7	8 630.1	9 320.8	9 410.0 +13

*Note:* The statistics are on an overseas trade statistics basis (see footnote 1 to Table 15.7) to which a number of changes have been made to the coverage, with effect from 1 January 1981. The changes, which are described below, were previously taken into account by means of balance of payments adjustments.

a) Trade in precious stones now excludes consignments which cross national boundaries on a temporary basis only, i.e. for valuation or for exhibition, previously these were included in the *Overseas Trade Statistics* figures each time they arrived or left the United Kingdom.

b) Trade in secondhand aircraft is excluded where the aircraft are being imported or exported solely for the purpose of repair or modification, but the value of the work done in undertaking the repair or modification is included.

c) Certain atomic energy materials previously excluded are now included.

Source: Department of Trade and Industry

1. The numbers on the left hand side of the table refer to the Section and Division code numbers of the *Standard International Trade Classification*, Revision 3 which was introduced in January 1988.
2. The broad structure of SITC(R3) follows that of SITC(R2) but two major changes should be noted:
  - 1) Explosives and Pyrotechnic products division 57 in SITC(R2) forms part of division 59 in SITC(R3), and
  - 2) Military equipment, part of section 9 in SITC(R2) forms part of division 89 in SITC(R3).

## 15.4

## Value of exports (f.o.b.) and imports (c.i.f.): analysis by areas

£ million, seasonally adjusted

	Total	Developed countries					Developing countries			Centrally planned economies <sup>1</sup>	
		Total	European Community	Rest of Western Europe	North America	Other developed countries	Total	Oil exporting countries	Other developing countries		
<b>Exports</b>											
1982	55 314	41 177	24 379	5 232	8 343	3 222	13 025	6 443	6 582	974	
1983	60 590	46 576	27 992	5 960	9 488	3 136	12 771	6 120	6 651	1 113	
1984	70 373	55 272	33 086	7 107	11 401	3 678	13 333	5 806	7 528	1 630	
1985	78 263	62 670	38 160	7 410	13 310	3 789	13 863	5 950	7 913	1 587	
1986	72 834	57 555	34 959	6 919	12 075	3 602	13 117	5 491	7 626	1 721	
1987	79 852	64 076	39 416	7 621	12 993	4 046	13 737	5 222	8 514	1 539	
1986 September	6 069	4 848	2 979	578	983	309	1 052	426	626	137	
October	6 268	4 998	3 128	565	990	316	1 082	434	648	138	
November	6 456	5 112	3 140	601	1 074	297	1 158	431	727	150	
December	6 435	5 153	3 134	621	1 103	296	1 030	400	630	162	
1987 January	6 244	4 768	2 875	481	1 093	319	1 111	433	678	136	
February	6 810	5 484	3 277	673	1 203	331	1 102	402	700	146	
March	6 476	5 150	3 127	585	1 138	299	1 133	436	696	137	
April	6 602	5 297	3 307	642	1 041	307	1 117	414	703	125	
May	6 309	5 105	3 265	643	880	317	1 145	434	711	118	
June	6 369	5 157	3 253	607	987	310	1 132	420	712	101	
July	6 703	5 376	3 268	592	1 165	351	1 173	411	763	124	
August	6 603	5 417	3 373	642	1 068	335	1 206	484	722	139	
September	6 968	5 624	3 516	669	1 080	359	1 174	435	739	143	
October	6 977	5 588	3 405	675	1 156	352	1 216	517	699	134	
November	6 922	5 619	3 443	700	1 055	422	1 122	442	680	115	
December	6 867	5 491	3 309	713	1 126	343	1 106	395	711	119	
1988 January	6 267	4 781	2 728	521	1 165	367	1 067	410	658	150	
February	6 238	4 968	2 956	561	1 114	337	1 049	407	643	117	
March	6 504	5 256	3 176	623	1 107	350	1 066	342	724	130	
April	6 864	5 543	3 446	663	1 050	384	1 174	372	802	117	
May	6 547	5 392	3 521	611	902	357	1 056	386	671	125	
June	6 993	5 815	3 633	696	1 076	411	1 085	365	720	109	
July	6 842	5 601	3 679	590	976	355	1 164	436	728	108	
<b>Imports</b>											
1982	56 624	45 912	26 547	6 992	7 984	4 388	9 287	3 447	5 840	1 317	
1983	65 581	54 668	31 651	8 851	9 019	5 148	9 268	2 819	6 449	1 524	
1984	78 760	65 101	37 383	11 164	10 955	5 599	11 486	2 927	6 558	2 042	
1985	84 905	71 589	41 445	12 075	11 697	6 352	11 299	2 810	8 489	1 893	
1986	85 568	73 152	44 459	11 840	10 020	6 834	10 144	2 056	8 088	1 856	
1987	94 016	80 490	49 557	12 869	10 781	7 282	10 985	1 700	9 286	2 097	
1986 September	7 353	6 371	3 807	1 118	843	603	853	112	741	137	
October	7 393	6 237	3 812	958	856	610	864	175	689	191	
November	7 811	6 774	4 101	1 121	925	627	894	157	737	172	
December	7 577	6 361	3 843	1 051	896	571	954	180	764	148	
1987 January	7 210	6 224	3 856	969	820	578	841	155	686	154	
February	7 475	6 287	3 885	1 031	803	568	916	148	768	163	
March	7 213	6 188	3 778	1 042	840	527	755	129	625	170	
April	7 389	6 501	3 964	1 091	914	532	811	121	690	176	
May	7 744	6 658	4 207	1 046	857	549	881	135	746	164	
June	7 566	6 514	3 996	1 054	854	611	893	119	774	161	
July	8 032	6 860	4 257	1 034	940	629	920	125	795	178	
August	8 442	7 209	4 428	1 170	969	642	996	125	872	182	
September	8 076	6 833	4 214	1 028	958	633	1 061	202	860	192	
October	8 273	7 080	4 345	1 116	961	658	956	143	813	172	
November	8 330	7 220	4 378	1 224	947	671	910	122	788	201	
December	8 265	6 915	4 249	1 065	918	684	1 045	176	869	185	
1988 January	8 159	7 173	4 598	1 079	867	630	838	137	700	165	
February	8 097	6 901	4 157	1 105	936	703	917	143	774	145	
March	7 865	6 663	3 978	1 079	976	630	932	140	792	145	
April	8 498	7 505	4 627	1 149	1 060	670	953	188	765	188	
May	8 619	7 434	4 486	1 214	1 087	647	982	160	823	144	
June	8 789	7 581	4 673	1 166	1 019	724	1 069	183	886	162	
July	8 904	8 456	5 177	1 290	1 169	820	1 228	255	973	218	

Note: The statistics are on an overseas trade statistics basis (see footnote 1 to Table 15.7).

Source: Department of Trade and Industry

1. Soviet Union, Poland, East Germany, Hungary, Czechoslovakia, Albania, Bulgaria, Romania, China, North Korea, Vietnam and Mongolia.

# 15.5 United Kingdom exports, by countries (f.o.b.)

£ million

	1986	1987	1988					
			1st quarter	2nd quarter	April	May	June	July
	72 987.7	79 851.4	19 180.9	20 363.2	6 634.8	6 531.4	7 197.1	6 597.7
<b>Total trade</b>								
<b>European Community: total</b>	34 996.3	39 416.8	9 418.7	10 444.4	3 366.0	3 363.3	3 715.0	3 393.9
France	6 210.5	7 781.5	1 970.8	2 028.3	630.3	658.6	739.4	702.8
Belgium and Luxembourg	3 832.9	3 857.7	910.4	1 200.1	397.5	405.7	397.0	337.0
Netherlands	5 441.7	5 856.2	1 294.8	1 444.4	505.9	424.6	513.9	446.2
Germany, Federal Republic	8 549.1	9 404.3	2 222.4	2 376.4	787.7	782.9	805.7	788.7
Italy	3 463.5	4 145.7	945.5	1 033.2	322.5	336.1	374.6	377.2
Irish Republic	3 553.5	3 831.7	933.6	1 005.7	324.7	319.2	361.9	314.5
Denmark	1 211.6	1 231.1	270.0	299.8	88.7	112.8	98.4	84.8
Greece	356.0	444.5	115.1	119.5	41.6	37.2	40.7	42.3
Portugal	472.1	699.9	189.7	231.6	68.5	61.0	102.1	71.9
Spain	1 905.5	2 164.2	566.5	705.5	198.8	225.3	281.5	228.6
<b>Rest of Western Europe: total</b>	6 961.1	7 621.5	1 749.8	1 919.7	631.6	581.4	706.7	548.5
Norway	1 147.6	1 220.8	242.5	279.3	82.5	81.6	115.2	71.6
Sweden	2 307.8	2 322.2	508.2	540.2	174.7	171.3	194.2	148.5
Finland	664.1	797.2	189.3	209.6	69.0	65.4	75.3	63.7
Switzerland	1 575.2	1 835.9	440.1	484.6	156.8	138.1	189.7	143.2
Austria	403.0	463.2	116.2	125.7	40.9	39.3	45.5	40.1
Yugoslavia	188.4	206.9	47.8	55.8	21.8	17.8	16.2	16.0
Turkey	433.3	513.5	143.7	124.2	47.7	33.7	42.8	44.1
Other countries	241.7	261.7	62.2	100.2	38.2	34.2	27.8	21.4
<b>North America: total</b>	12 118.5	12 993.2	3 096.0	3 067.2	884.9	1 000.2	1 082.1	982.7
Canada	1 698.2	1 938.2	508.5	515.3	150.2	147.0	218.1	164.8
United States	10 369.9	11 014.2	2 581.2	2 542.9	831.4	850.4	861.0	814.0
Other countries	50.4	40.7	6.3	9.1	3.3	2.7	3.0	3.8
<b>Other developed countries: total</b>	3 614.0	4 045.7	1 036.2	1 129.0	366.6	351.5	410.9	385.5
South Africa	849.5	948.6	249.3	261.7	80.8	86.7	94.3	94.8
Japan	1 193.7	1 495.1	401.0	454.8	153.5	132.7	168.6	152.5
Australia	1 227.7	1 223.6	302.3	336.5	106.2	107.0	123.3	115.5
New Zealand	343.2	378.4	83.6	76.0	26.1	25.1	24.8	22.7
<b>Oil exporting countries: total</b>	5 498.8	5 222.4	1 230.3	1 117.6	359.0	375.5	383.0	401.0
Algeria	129.6	73.1	23.0	17.3	5.0	7.4	4.9	7.1
Libya	263.8	220.6	58.9	51.2	15.3	16.2	19.7	19.8
Nigeria	565.4	481.6	97.6	94.5	32.1	36.1	26.2	30.8
Gabon	16.6	12.0	3.7	4.1	0.9	1.1	2.1	1.0
Saudi Arabia	1 508.2	1 978.4	438.7	361.0	116.7	119.0	125.3	140.0
Kuwait	300.6	225.2	60.0	59.4	20.9	21.8	16.7	19.0
Bahrain	131.0	125.2	38.2	31.2	10.1	10.3	10.8	11.1
Qatar	112.1	105.1	24.2	19.5	5.3	7.3	6.9	7.9
Abu Dhabi	168.1	150.0	37.5	29.7	10.3	8.1	11.3	11.6
Dubai	379.5	306.8	74.2	67.1	23.4	23.8	19.8	23.9
Sharjah etc.	34.2	22.2	5.5	6.0	1.9	1.7	2.3	2.6
Oman	399.6	249.9	80.1	74.0	16.1	32.6	25.2	13.9
Iraq	443.8	271.7	84.0	106.0	31.3	34.3	40.5	27.0
Iran	399.4	307.9	69.8	62.2	19.0	19.9	23.3	16.1
Brunei	154.1	204.1	24.0	21.2	8.1	8.1	11.3	40.0
Indonesia	196.5	236.0	37.5	47.2	25.4	9.5	12.3	11.4
Trinidad and Tobago	79.0	57.0	10.1	11.5	3.4	4.4	3.7	3.3
Venezuela	170.1	157.8	37.0	46.2	12.2	18.5	15.5	11.3
Ecuador	47.1	37.9	26.3	8.6	1.6	1.7	5.2	3.2

Note: The statistics are on an overseas trade statistics basis (see footnote 1 to Table 15.7) to which a number of changes have been made to the coverage, with effect from 1 January 1981. The changes, which are described below, were previously taken into account by means of balance of payments adjustments.

a) Trade in precious stones now excludes consignments which cross national boundaries on a temporary basis only, i.e. for valuation or for exhibition, previously these were included in the *Overseas Trade Statistics* figures each time they arrived or left the United Kingdom.

b) Trade in secondhand aircraft is excluded where the aircraft are being imported or exported solely for the purpose of repair or modification, but the value of the work done in undertaking the repair or modification is included.

c) Certain atomic energy materials previously excluded are now included.

Source: Department of Trade and Industry

# 15.5 United Kingdom exports, by countries (f.o.b.)

continued

£ million

	1986	1987	1988					May	June	July
			1st quarter	2nd quarter	April					
<b>Other developing countries: total</b>	<b>7 647.6</b>	<b>8 514.3</b>	<b>2 080.7</b>	<b>2 123.7</b>	<b>750.0</b>	<b>662.7</b>	<b>711.0</b>	<b>720.5</b>		
Egypt	371.0	342.2	86.7	72.4	29.4	22.9	20.0	18.3		
Ghana	113.2	138.1	34.9	35.1	15.4	9.9	9.8	8.1		
Kenya	170.7	199.1	47.4	51.2	17.4	15.8	21.0	18.3		
Tanzania	62.9	91.9	22.6	18.2	6.8	4.5	6.8	5.6		
Zambia	77.9	75.2	16.5	20.7	6.5	7.1	7.2	8.1		
Cyprus	140.5	141.1	34.3	45.0	17.0	12.5	15.4	13.2		
Lebanon	55.9	40.7	9.6	12.7	4.7	3.6	4.5	6.4		
Israel	462.4	523.6	113.3	143.7	47.3	46.7	49.7	39.5		
Pakistan	227.0	253.0	60.4	57.5	19.0	21.7	16.9	25.9		
India	941.2	1 090.1	260.8	289.7	106.1	81.6	101.9	99.2		
Thailand	158.2	206.6	54.5	61.0	20.6	18.4	21.9	21.4		
Malaysia	226.9	258.0	73.2	70.9	27.4	21.9	21.7	22.9		
Singapore	547.4	602.6	153.9	153.4	47.7	54.5	51.2	52.6		
Taiwan	192.5	292.3	73.1	89.3	29.4	29.0	30.9	30.0		
Hong Kong	961.0	1 013.0	243.5	240.5	71.2	80.8	88.4	81.1		
South Korea	268.4	427.2	117.0	113.5	36.3	39.2	38.0	41.3		
Philippines	79.8	113.8	31.9	31.9	8.5	12.2	11.2	9.5		
Jamaica	43.4	54.6	10.7	12.2	3.6	3.8	4.8	4.4		
Mexico	162.3	199.0	49.2	55.3	37.2	10.0	8.2	18.4		
Chile	67.5	105.8	23.6	17.1	4.8	6.1	6.1	5.4		
Brazil	299.8	347.9	71.3	67.2	25.5	22.6	19.1	37.5		
Argentina	10.1	10.3	4.7	3.8	0.9	2.2	0.7	1.1		
Other countries	1 987.6	1 988.2	487.7	458.5	167.2	135.7	155.6	152.3		
<b>Centrally planned economies:</b>										
total	1 710.3	1 538.7	396.1	374.1	118.1	135.6	120.5	106.6		
Soviet Union	542.5	491.6	151.1	125.2	37.9	46.3	41.1	29.4		
German Democratic Republic	81.9	81.5	25.6	23.9	10.5	7.3	6.1	5.6		
Poland	167.1	181.5	38.5	43.9	14.3	12.7	17.0	14.0		
Czechoslovakia	106.8	114.1	30.4	32.6	8.3	13.1	11.2	8.6		
Romania	82.0	55.7	6.7	10.4	2.1	4.8	3.5	2.4		
Other countries	727.9	614.4	143.8	138.0	45.0	51.4	41.6	46.6		
<b>Low value trade<sup>1</sup></b>	<b>441.1</b>	<b>498.7</b>	<b>173.0</b>	<b>187.6</b>	<b>58.6</b>	<b>61.2</b>	<b>67.8</b>	<b>59.2</b>		

Note: The statistics are on an overseas trade statistics basis (see footnote 1 to Table 15.7) to which a number of changes have been made to the coverage, with effect from 1 January 1981. The changes, which are described below, were previously taken into account by means of balance of payments adjustments.

a) Trade in precious stones now excludes consignments which cross national boundaries on a temporary basis only, i.e. for valuation or for exhibition, previously these were included in the *Overseas Trade Statistics* figures each time they arrived or left the United Kingdom.

b) Trade in secondhand aircraft is excluded where the aircraft are being imported or exported solely for the purpose of repair or modification, but the value of the work done in undertaking the repair or modification is included.

c) Certain atomic energy materials previously excluded are now included.

1. Prior to January 1986 items valued at less than £200 have not been allocated to specific countries and areas. With effect from 1st January 1986 the threshold was raised to £475.

Source: Department of Trade and Industry

## 15.6

## United Kingdom imports, by countries (c.i.f.)

£ million

	1986	1987	1988							
			1st quarter		2nd quarter		April	May	June	July
<b>Total trade</b>	<b>86 175.5</b>	<b>94 015.7</b>	<b>24 813.9</b>	<b>26 321.7</b>	<b>8 370.7</b>	<b>8 630.1</b>	<b>9 320.8</b>	<b>9 410.0</b>		
European Community: total	44 576.8	49 557.5	13 021.3	13 815.9	4 378.9	4 456.5	4 980.5	4 988.8		
France	7 387.1	8 382.0	2 180.0	2 424.7	760.5	738.1	926.1	884.0		
Belgium and Luxembourg	4 084.3	4 362.5	1 154.9	1 261.4	408.3	408.9	444.2	415.5		
Netherlands	6 623.0	7 148.0	1 927.3	2 059.9	648.7	666.7	744.4	718.6		
Germany, Federal Republic	14 137.8	15 783.9	4 123.7	4 300.7	1 369.0	1 393.7	1 538.0	1 553.8		
Italy	4 666.0	5 216.8	1 322.6	1 412.9	461.6	461.8	489.6	563.6		
Irish Republic	3 054.0	3 488.4	914.8	946.4	302.8	306.5	337.1	340.4		
Denmark	1 756.8	1 873.5	477.0	494.3	138.4	158.3	197.6	185.5		
Greece	309.1	355.3	93.3	84.1	27.7	27.5	29.0	26.1		
Portugal	768.4	848.0	231.9	227.8	74.7	78.7	74.4	82.8		
Spain	1 790.2	2 099.1	595.8	603.8	187.2	216.5	200.0	218.3		
Rest of Western Europe: total	11 886.8	12 869.7	3 430.2	3 561.8	1 099.5	1 234.7	1 227.6	1 142.3		
Norway	3 253.7	3 290.3	809.4	790.9	226.5	268.5	295.9	256.8		
Sweden	2 760.4	2 952.5	785.2	846.1	276.0	267.0	303.1	274.6		
Finland	1 346.0	1 539.0	425.5	449.3	132.0	158.0	159.3	131.7		
Switzerland	3 020.1	3 298.0	924.0	1 027.7	321.6	389.7	316.4	338.4		
Austria	705.3	782.0	218.3	216.8	72.8	67.3	76.6	76.5		
Yugoslavia	145.1	175.3	47.8	51.4	16.0	19.4	16.0	17.1		
Turkey	406.6	579.4	148.9	108.5	34.9	32.5	41.2	26.2		
Other countries	249.5	253.3	61.2	71.1	19.7	32.3	19.2	20.9		
North America: total	10 028.3	10 781.6	2 958.6	3 290.7	1 084.9	1 126.4	1 079.4	1 059.6		
Canada	1 470.4	1 568.3	439.8	540.8	169.5	190.3	180.9	185.4		
United States	8 471.5	9 136.0	2 498.1	2 725.3	906.3	929.1	888.8	867.3		
Other countries	86.4	77.3	20.9	24.7	9.0	7.0	8.7	6.9		
Other developed countries: total	6 865.3	7 282.4	1 986.0	2 072.8	664.5	659.9	748.4	809.0		
South Africa	829.6	658.2	190.4	218.2	70.8	67.4	80.1	76.2		
Japan	4 936.9	5 463.1	1 507.0	1 563.4	494.3	509.0	560.1	613.0		
Australia	643.2	673.8	181.0	180.1	59.1	53.6	67.4	71.3		
New Zealand	455.7	487.3	107.6	111.0	40.2	30.0	40.8	48.6		
Oil exporting countries: total	2 103.0	1 899.7	425.5	513.3	169.7	151.6	192.0	253.8		
Algeria	140.9	172.9	24.6	41.0	13.1	6.5	21.4	23.0		
Libya	136.4	133.6	29.1	34.1	15.5	13.8	4.8	4.8		
Nigeria	329.0	159.4	46.7	21.5	11.0	5.8	4.7	14.7		
Gabon	36.6	5.4	3.3	0.6	0.2	0.2	0.3	0.1		
Saudi Arabia	659.6	383.1	118.8	139.8	54.4	49.0	36.3	110.3		
Kuwait	62.7	81.5	8.1	15.3	4.8	5.8	4.7	7.0		
Bahrain	19.0	60.7	14.0	16.1	5.6	5.2	5.3	5.5		
Qatar	29.6	13.8	0.8	1.3	0.6	0.5	0.2	0.2		
Abu Dhabi	14.6	13.8	4.4	6.7	2.2	1.9	2.7	0.5		
Dubai	56.2	77.3	11.0	13.6	3.8	4.2	5.6	4.2		
Sharjah etc.	3.3	4.0	0.4	0.9	0.3	0.3	0.3	0.3		
Oman	85.5	49.5	21.8	77.3	20.0	2.9	54.4	4.0		
Iraq	66.1	33.9	17.8	6.0	3.8	0.8	1.4	3.9		
Iran	100.3	187.6	4.2	27.8	8.0	9.0	10.8	8.4		
Brunei	71.6	34.1	40.5	12.4	1.7	4.1	6.7	30.9		
Indonesia	141.2	144.8	57.8	59.0	17.0	22.4	19.5	20.5		
Trinidad and Tobago	41.6	38.6	4.5	16.8	0.3	9.9	6.6	6.1		
Venezuela	97.3	91.7	13.6	20.0	6.9	8.4	4.8	8.3		
Ecuador	11.3	14.0	3.9	2.9	0.6	0.9	1.4	0.8		

Note: The statistics are on an overseas trade statistics basis (See footnote 1 to Table 15.7) to which a number of changes have been made to the coverage, with effect from 1 January 1981. The changes, which are described below, were previously taken into account by means of balance of payments adjustments.

a) Trade in precious stones now excludes consignments which cross national boundaries on a temporary basis only, i.e. for valuation or for exhibition, previously these were included in the *Overseas Trade Statistics* figures each time they arrived or left the United Kingdom.

b) Trade in secondhand aircraft is excluded where the aircraft are being imported or exported solely for the purpose of repair or modification, but the value of the work done in undertaking the repair or modification is included.

c) Certain atomic energy materials previously excluded are now included.

Source: Department of Trade and Industry

External trade

## 15.6 United Kingdom imports, by countries (c.i.f.)

continued

£ million

	1986	1987	1988	1st quarter				
				2nd quarter	April	May	June	July
<b>Other developing countries: total</b>	<b>8 439.8</b>	<b>9 285.7</b>	<b>2 387.5</b>	<b>2 422.5</b>	<b>757.6</b>	<b>801.4</b>	<b>863.5</b>	<b>885.3</b>
Egypt	87.7	127.3	27.8	34.9	24.0	5.9	5.1	4.8
Ghana	103.5	113.9	29.6	30.1	8.5	9.6	12.0	4.1
Kenya	163.7	129.2	35.4	35.4	12.4	12.4	10.6	13.8
Tanzania	40.3	26.4	9.9	4.2	1.7	1.7	0.8	1.4
Zambia	27.3	30.3	4.5	6.6	0.8	5.5	0.4	4.6
Cyprus	124.1	118.3	26.4	36.4	9.5	11.5	15.4	13.4
Lebanon	9.8	9.5	2.2	3.9	0.9	1.4	1.6	1.5
Israel	385.2	437.0	126.8	116.6	40.3	36.5	39.7	38.4
Pakistan	131.3	167.3	48.2	41.0	13.7	14.2	13.1	14.9
India	440.6	536.7	144.8	137.7	46.9	45.3	45.6	38.8
Thailand	182.7	239.4	69.3	69.7	21.8	23.5	24.5	28.3
Malaysia	349.9	397.1	114.3	126.2	43.2	40.1	42.9	42.1
Singapore	463.0	473.8	122.7	135.4	44.4	45.4	45.6	47.9
Taiwan	705.6	1 006.9	244.4	249.4	72.9	86.1	90.5	102.9
Hong Kong	1 537.0	1 531.7	382.1	370.4	95.1	122.7	152.7	162.1
South Korea	660.9	936.0	253.1	244.0	69.4	83.0	91.6	98.5
Philippines	182.8	202.7	49.7	52.8	18.3	14.7	19.8	15.5
Jamaica	84.5	85.7	14.2	25.8	7.2	6.4	12.2	7.9
Mexico	116.1	244.7	37.6	34.0	7.8	13.7	12.4	15.0
Chile	127.9	112.8	44.9	47.9	16.8	12.5	18.5	16.2
Brazil	552.1	636.7	152.8	181.1	54.6	64.6	62.0	72.2
Argentina	28.6	64.6	9.8	17.6	4.0	5.4	8.3	4.8
Other countries	1 935.2	1 657.6	436.8	421.3	143.5	139.3	138.6	136.3
<b>Centrally planned economies:</b>								
Total	1 863.9	2 097.4	438.7	476.0	160.8	143.5	171.6	214.2
Soviet Union	702.1	875.4	138.1	164.7	61.1	45.1	58.5	101.3
German Democratic Republic	195.5	180.3	31.8	37.6	11.5	12.3	13.8	14.9
Poland	308.6	303.4	79.9	83.5	27.8	26.4	29.3	24.1
Czechoslovakia	126.1	141.5	38.5	38.7	13.8	10.6	14.2	13.9
Romania	86.7	92.5	22.3	22.7	7.7	8.5	6.4	10.7
Other countries	444.9	504.2	128.0	128.9	38.8	40.6	49.5	49.3
<b>Low value trade<sup>1</sup></b>	<b>411.7</b>	<b>441.8</b>	<b>165.9</b>	<b>168.6</b>	<b>54.9</b>	<b>56.0</b>	<b>57.7</b>	<b>57.1</b>

Note: The statistics are on an overseas trade statistics basis (see footnote 1 to Table 15.7 and Note on page 91).

1. Prior to 1st January 1986 items valued at less than £200 have not been allocated to specific countries and areas.  
With effect from 1st January 1986 the threshold has been raised to £475.

Source: Department of Trade and Industry

## 15.7 Volume and unit value index numbers on a balance of payments basis<sup>1</sup>

1985=100

	Volume index numbers		Unit value index numbers			Terms of trade <sup>2</sup>	
	Exports	Imports	Exports (f.o.b.)		Imports (f.o.b.)		
			Seasonally adjusted	Unadjusted			
1984	94.7	96.9	95.0	95.5	99.4		
1985	100.0	100.0	100.0	100.0	100.0		
1986	103.6	107.0	91.8	96.0	95.7		
1987	109.0	114.4	95.5	98.5	96.9		
1987 April	110.6	108.7	95.1	98.3	96.8		
May	104.2	113.3	94.9	97.1	97.7		
June	103.7	111.8	95.4	97.1	98.3		
July	108.8	117.8	95.3	97.8	97.4		
August	106.4	122.7	96.7	98.5	98.2		
September	112.2	118.0	96.5	98.4	98.1		
October	110.6	118.1	96.5	98.2	98.3		
November	113.4	122.1	95.9	98.5	97.3		
December	111.7	122.2	95.0	97.8	97.2		
1988 January	108.4	119.6	95.0	97.9	97.0		
February	103.6	118.0	95.5	98.3	97.1		
March	107.5	115.7	95.7	98.8	96.8		
April	113.3	124.0	96.6	98.0	98.6		
May	108.0	127.2	96.5	97.4	99.1		
June	111.8	131.0	96.5	97.3	99.1		
July	108.1	145.1	97.8	99.1	98.7		

1. Statistics of visible trade on a balance of payments basis (shown in Table 16.1) are obtained by making certain adjustments in respect of valuation and coverage to the statistics recorded in the *Overseas Trade Statistics*. These adjustments are described in detail in *United Kingdom Balance of Payments 1983 Edition*.

Source: Department of Trade and Industry

2. Export unit value as a percentage of the import unit value index.

## 15.8

## Export and import volume index numbers

Seasonally adjusted

1985=100

	Total	Food, bever- ages and tobacco	Basic mat- erials	Fuels	Total manu- factures	Manufactures excluding erratic <sup>1</sup>										
						Total					Semi-manufactures excluding precious stones (P) Sea installations and aircraft (SNA) and silver			Finished manufactures excluding ships, North Sea installations and aircraft (SNA)		
						Total		Chem- icals		Other	Total		Pass- enger motor cars	Other con- sumer	Inter- mediate	Capital
SITC (Rev. 3) Section or Division	0 to 9	0 and 1	2 and 4	3	5 to 8	5 to 8 less SNAPS	5 and 6 less PS	5	6 less PS	7 and 8 less SNA	2	2	2	2	2	
<b>Exports</b>																
<b>Weights</b>	1 000	64	28	214	670	619	234	121	114	385	17	65	180	122		
1983	87.2	92.8	95.1	86.0	86.4	83.9	85.8	85.3	86.5	82.7	86.1	87.0	78.7	85.8		
1984	94.6	98.1	100.8	93.3	94.3	92.5	94.2	93.3	95.2	91.5	82.9	96.8	87.9	95.0		
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
1986	103.4	108.1	110.0	102.1	103.0	101.2	102.7	104.6	100.7	100.3	93.8	105.5	99.7	99.4		
1987	109.1	108.3	117.2	100.9	111.3	109.4	110.1	111.1	109.0	109.0	120.6	126.8	101.2	109.3		
1987 April	110.4	105	121	115	109	107	105	107	104	107	129	132	99	103		
May	103.1	105	105	93	106	104	106	107	105	103	111	117	97	103		
June	102.7	103	118	85	107	105	107	104	111	103	113	114	98	104		
July	108.7	112	107	91	114	111	112	110	114	110	131	130	101	110		
August	106.3	107	119	99	108	109	112	114	110	107	118	119	99	112		
September	111.9	113	111	91	119	117	116	118	114	118	128	146	105	120		
October	112.8	117	102	98	117	112	112	113	112	112	136	121	107	112		
November	113.6	104	111	104	117	114	115	117	112	114	134	134	102	119		
December	114.9	107	106	114	117	117	118	123	112	116	109	142	109	115		
1988 January	106.0	97	113	108	106	109	109	112	107	109	123	124	103	107		
February	104.2	103	98	99	107	106	106	106	106	106	104	119	95	114		
March	108.0	113	97	94	112	109	111	116	106	108	140	116	99	113		
April	113.0	125	97	96	118	114	112	113	112	115	91	121	108	125		
May	107.7	120	95	85	115	111	114	112	116	109	95	117	102	119		
June	113.7	112	107	90	122	117	118	117	120	117	152	119	98	138		
July	108.7	128	108	75	118	118	119	121	116	118	112	125	101	138		
<b>Imports</b>																
<b>Weights</b>	1 000	109	65	125	686	647	230	81	148	417	49	106	143	119		
1983	87.2	94.1	101.9	77.1	86.7	85.4	85.8	81.4	88.2	85.2	98.1	93.1	79.7	79.5		
1984	96.5	98.3	99.9	100.4	95.3	95.0	95.4	93.6	96.4	94.8	93.8	99.4	92.8	93.5		
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
1986	106.5	108.5	106.3	108.4	105.7	105.9	105.6	106.8	105.0	106.0	102.9	111.9	108.5	99.2		
1987	114.1	109.1	117.6	110.2	115.7	116.4	115.8	117.6	114.9	116.7	98.1	126.1	122.3	109.4		
1987 April	108.0	98	122	112	108	109	111	113	109	108	89	118	114	101		
May	112.3	118	121	88	116	118	118	119	118	117	93	128	124	110		
June	111.3	101	117	113	113	112	111	115	109	113	102	130	113	102		
July	116.8	107	115	117	119	120	116	118	115	122	107	127	128	115		
August	122.3	110	118	122	125	126	126	130	123	126	125	132	131	114		
September	117.8	112	120	116	119	120	120	117	121	121	100	130	126	115		
October	119.1	107	117	98	126	124	121	121	122	126	104	136	134	117		
November	121.4	111	110	114	126	128	122	120	123	131	106	145	139	117		
December	122.1	126	110	125	123	125	125	129	123	125	107	131	130	121		
1988 January	118.9	110	106	101	125	128	122	118	124	131	130	124	141	126		
February	117.7	114	115	98	123	122	122	121	121	122	119	124	127	120		
March	115.8	114	119	113	117	117	121	114	124	115	85	124	120	114		
April	123.8	112	117	96	132	132	129	129	128	134	116	137	144	128		
May	126.3	110	114	101	135	132	127	120	130	135	115	140	146	127		
June	130.2	109	117	135	135	134	127	125	128	138	139	138	143	131		
July	144.8	120	132	131	153	154	140	138	141	161	146	159	175	152		

Note: The statistics are on an overseas trade statistics basis (see footnote 1 to Table 15.7).

Source: Department of Trade and Industry

1. These are defined as ships, North Sea installations (together comprising SITC (Rev 3) (793), aircraft (792), precious stones (667) and silver (6811)).

2. Based on the Classification by Broad Economic Categories, (BEC) published by the United Nations.

## External trade

## 15.9 Export and import unit value index numbers

1965=100

SITC (Rev. 3) Section or Division	0 to 9	0 and 1	2 and 4	3	5 to 8	5 to 8 less SNAPS	5 and 6 less PS	5	Manufactures excluding erratics <sup>1</sup>				Finished manufactures excluding ships, North Sea installations and aircraft SNA and silver								
									Total	Food, bever- ages and tobacco	Basic mater- ials	Fuels	Total manu- factures	Total	Semi-manufactures		Total	Pass- enger motor cars	Other con- sumer	Inter- mediate	Capital
										Chem- icals	Other				Chem- icals	Other					
Exports																					
Weights	1 000	64	28	214	670	619	234	121	114	385	17	65	180	122							
1983	88.1	92	81	91	87	87	86	85	87	88	89	83	87	90							
1984	94.9	96	94	98	94	94	94	93	94	93	97	92	93	94							
1985	100.0	100	100	100	100	100	100	100	100	100	100	100	100	100							
1986	91.9	104	88	51	104	104	102	101	102	105	113	106	105	104							
1987	95.6	105	89	53	108	108	104	104	105	111	128	112	111	107							
1987 April	95.3	105	88	53	108	108	104	104	104	111	125	111	111	107							
May	95.0	104	89	51	108	108	103	104	103	111	128	111	113	106							
June	95.5	105	89	53	108	108	104	104	104	111	126	111	112	107							
July	95.4	105	91	53	108	108	104	103	105	110	128	112	111	107							
August	96.8	105	90	57	109	109	105	105	105	111	130	114	112	107							
September	96.6	106	89	54	109	110	106	105	107	112	133	114	111	108							
October	96.6	106	89	54	109	110	106	105	107	112	132	114	111	108							
November	96.0	105	91	52	109	109	105	104	106	112	131	114	112	107							
December	95.1	105	90	48	109	109	105	104	106	112	128	114	112	108							
1988 January	95.1	105	92	45	110	111	107	108	106	113	125	113	114	110							
February	95.7	104	91	44	111	112	107	107	106	114	125	114	115	112							
March	95.8	107	95	40	112	113	110	112	107	115	128	114	115	112							
April	96.8	107	97	42	113	113	109	111	107	116	129	115	116	114							
May	96.7	108	97	41	113	113	109	110	107	116	128	114	116	114							
June	96.6	108	97	42	112	113	108	109	107	116	128	114	117	114							
July	97.9	110	101	41	114	115	109	109	109	118	131	115	120	115							
Imports																					
Weights	1 000	109	65	125	686	647	230	81	148	417	49	106	143	119							
1983	88.0	88	90	89	88	88	87	86	87	88	90	85	87	92							
1984	95.5	96	103	97	95	94	95	94	95	94	95	93	94	96							
1985	100.0	100	100	100	100	100	100	100	100	100	100	100	100	100							
1986	95.8	99	88	61	102	103	100	99	100	104	112	101	102	106							
1987	98.1	99	90	56	108	107	104	103	104	108	122	103	106	108							
1987 April	98.0	100	90	57	106	106	103	103	103	108	119	103	107	110							
May	96.8	99	90	55	105	105	102	99	107	100	122	100	106	108							
June	96.8	99	90	56	105	105	103	102	103	106	119	100	106	108							
July	97.4	99	90	56	105	106	104	103	104	107	120	102	106	107							
August	98.1	99	91	57	106	106	104	105	104	108	121	103	106	108							
September	98.0	99	90	56	106	107	105	106	105	107	120	104	105	108							
October	97.7	98	90	57	106	106	106	106	106	106	121	105	105	103							
November	96.1	98	91	57	106	107	106	105	106	107	123	103	105	108							
December	97.4	98	89	53	106	105	104	105	107	107	121	102	106	107							
1988 January	97.7	99	92	51	106	107	106	106	106	108	121	102	106	109							
February	98.1	100	93	51	107	107	105	106	106	109	125	104	106	110							
March	98.5	100	93	50	108	108	106	105	107	110	129	105	106	110							
April	98.0	100	93	48	107	108	107	106	107	108	126	103	106	109							
May	97.4	101	93	49	106	107	106	106	107	107	126	101	104	107							
June	97.3	101	93	49	106	107	107	108	107	106	128	100	104	106							
July	98.7	101	96	49	108	108	108	108	109	108	129	103	105	106							

Note: The statistics are on an overseas trade statistics basis (see footnote 1 to Table 15.7).

Source: Department of Trade and Industry

1. These are defined as ships, North Sea installations (together comprising SITC (Rev 3) (793), aircraft (792), precious stones (667) and silver (6811)).

2. Based on the Classification, by Broad Economic Categories BEC published by the United Nations.

## 15.10

Import penetration and export sales ratios for products of manufacturing industry<sup>1 2</sup>

Standard Industrial Classification 1980

Per cent

SIC	Division/Class	Twelve months ending											
		Dec 1981	Dec 1982	Dec 1983	Dec 1984	Dec 1985	Sep 1986	Dec 1986	Mar 1987 <sup>3</sup>	Jun 1987 <sup>3</sup>	Sep 1987 <sup>3</sup>	Dec 1987 <sup>3</sup>	
<b>Ratio 1 Imports/Home demand</b>													
2-4	Total Manufacturing	27.8	29.0	31.1	33.4	34.3	33.6	34.3	34.6	34.6	34.9	35.2	
2	Extraction of minerals and ores other than fuels; manufacture of metals, mineral products and chemicals	27	29	31	35	37	36	36	36	36	37	37	
21	Extraction and preparation of metalliferous ores	102	102	101	98	100	..	..	..	..	..	..	
22	Metal manufacturing	25	28	31	37	39	40	40	41	41	43	42	
23	Extraction of minerals not elsewhere specified	32	39	42	42	43	38	37	37	35	34	36	
24	Manufacture of non-metallic mineral products	9	10	11	12	13	15	16	16	16	16	16	
25	Chemical industry	30	33	35	38	40	40	40	40	40	40	41	
26	Production of man-made fibres	59	67	70	68	71	68	68	67	67	67	66	
3	Metal goods, engineering and vehicles industries	36	38	41	43	44	44	45	45	45	45	45	
31	Manufacture of metal goods not elsewhere specified	11	12	13	14	16	16	16	17	17	17	18	
32	Mechanical engineering	32	31	32	34	36	36	37	37	37	38	38	
33	Manufacture of office machinery and data processing equipment	96	105	106	105	100	95	100	102	100	100	93	
34	Electrical and electronic engineering	36	39	42	44	47	46	47	47	47	48	49	
35	Manufacture of motor vehicles and parts thereof	42	47	52	51	50	51	51	50	49	48	48	
36	Manufacture of other transport equipment	41	39	42	51	45	45	45	45	42	43	42	
37	Instrument engineering	58	56	55	58	57	54	55	56	57	57	58	
4	Other manufacturing industries	22	22	23	25	25	25	25	25	25	26	26	
41/42	Food, drink and tobacco manufacturing industries	16	16	17	18	18	18	18	19	19	19	18	
43	Textile industry	39	39	41	44	44	44	45	45	46	46	47	
44	Manufacture of leather and leather goods	42	42	44	44	49	47	46	46	46	48	49	
45	Footwear and clothing industries	33	33	33	36	35	35	36	36	37	38	39	
46	Timber and wooden furniture industries	29	29	32	32	30	31	31	31	31	31	31	
47	Manufacture of paper and paper products; printing and publishing	20	19	20	21	21	21	21	21	21	22	22	
48	Processing of rubber and plastics	21	22	24	25	26	26	27	27	26	27	28	
49	Other manufacturing industries	48	38	38	39	38	37	39	41	42	45	46	
<b>Ratio 2 Imports/Home demand plus Exports</b>													
2-4	Total Manufacturing	21.8	22.9	24.9	26.4	26.7	26.2	26.9	27.0	27.1	27.3	27.5	
2	Extraction of minerals and ores other than fuels; manufacture of metals, mineral products and chemicals	21	22	24	26	26	26	25	25	25	26	26	
21	Extraction and preparation of metalliferous ores	97	96	97	94	96	..	..	..	..	..	..	
22	Metal manufacturing	21	23	25	29	30	30	30	30	30	30	31	
23	Extraction of minerals not elsewhere specified	25	36	38	38	40	36	35	34	32	32	33	
24	Manufacture of non-metallic mineral products	8	8	10	11	11	13	13	13	13	14	14	
25	Chemical industry	21	23	24	26	26	26	26	26	26	27	27	
26	Production of man-made fibres	35	39	39	37	39	40	41	41	42	42	42	
3	Metal goods, engineering and vehicles industries	25	27	30	31	31	31	32	32	32	32	32	
31	Manufacture of metal goods not elsewhere specified	10	11	12	13	14	14	15	15	15	15	16	
32	Mechanical engineering	20	20	22	24	24	24	25	25	26	26	26	
33	Manufacture of office machinery and data processing equipment	57	61	63	60	54	54	56	56	55	55	52	
34	Electrical and electronic engineering	27	29	31	32	33	33	33	34	34	35	35	
35	Manufacture of motor vehicles and parts thereof	30	35	40	38	39	40	41	40	39	38	38	
36	Manufacture of other transport equipment	25	24	25	28	27	25	26	25	25	24	24	
37	Instrument engineering	36	35	38	39	40	38	39	39	39	40	40	
4	Other manufacturing industries	20	20	21	22	22	22	22	23	23	23	23	
41/42	Food, drink and tobacco manufacturing industries	15	15	15	17	17	16	17	17	17	17	17	
43	Textile industry	30	31	33	35	35	36	36	37	37	37	38	
44	Manufacture of leather and leather goods	34	33	34	34	37	36	36	35	35	36	37	
45	Footwear and clothing industries	28	29	29	32	31	31	31	32	32	33	33	
46	Timber and wooden furniture industries	27	28	31	31	29	29	30	30	30	30	30	
47	Manufacture of paper and paper products; printing and publishing	18	18	18	20	19	19	19	20	20	20	20	
48	Processing of rubber and plastics	17	18	20	21	22	22	22	22	22	22	23	
49	Other manufacturing industries	36	31	31	32	31	30	31	33	33	35	36	

1. The ratios were first introduced in an article in the August 1977 edition of *Economic Trends* 'The Home and Export Performance of United Kingdom Industries' which described the conceptual and methodological problems involved in measuring such variables as 'import penetration'. The latest ratios for the full detail within manufacturing (over 200 AHs) are shown in *Business Monitor MQ12 Import Penetration and Export Sales for Manufacturing Industry*.

Source: Department of Trade and Industry

2. The calculation of the ratios is inappropriate for certain industries. In such cases, and where suitable data are not available, the industry has been omitted from the analysis. The Activity Headings concerned are: AH2247.2 Precious metals, AH2396 (pt) Unworked precious stones, AH2436 Ready-mixed concrete, AH3138 Heat and surface treatment of metals, AH3246 Process engineering contractors, AH3480 Electrical equipment installation, AH4121 Slaughterhouses, AH4370 Textile finishing, AH4560 Fur goods, AH4672 Shop and office fitting, AH4820 Retreading and specialist repairing of rubber tyres, AH4910 Jewellery and coins, AH4930 Photographic and cinematographic processing laboratories.

## 15.10

continued Standard Industrial Classification 1980

Per cent

Import penetration and export sales ratios for products of manufacturing industry<sup>1,2</sup>

SIC	Division/Class	Twelve months ending											
		Dec 1981	Dec 1982	Dec 1983	Dec 1984	Dec 1985	Sep 1986	Dec 1986	Mar 1987 <sup>a</sup>	Jun 1987 <sup>a</sup>	Sep 1987 <sup>a</sup>	Dec 1987 <sup>a</sup>	
<b>Ratio 3 Exports/Sales</b>													
2-4	Total Manufacturing	27.3	27.2	26.6	28.4	30.2	29.3	29.6	30.0	29.7	30.0	30.3	
2	Extraction of minerals and ores other than fuels; manufacture of metals, mineral products and chemicals	29	30	32	35	39	39	40	40	40	40	40	
21	Extraction and preparation of metalliferous ores	163	154	145	70	95	..	..	..	..	..	..	
22	Metal manufacturing	22	23	25	32	34	35	36	40	40	42	41	
23	Extraction of minerals not elsewhere specified	28	14	13	13	13	9	9	10	11	11	12	
24	Manufacture of non-metallic mineral products	13	14	14	14	15	18	17	17	17	17	17	
25	Chemical industry	39	40	41	44	47	47	47	47	46	46	46	
26	Production of man-made fibres	63	69	74	72	73	69	68	66	65	65	64	
3	Metal goods, engineering and vehicles industries	41	41	39	41	43	41	42	42	42	42	42	
31	Manufacture of metal goods not elsewhere specified	14	14	12	13	14	13	13	13	13	13	13	
32	Mechanical engineering	47	45	40	42	43	42	42	43	42	42	43	
33	Manufacture of office machinery and data processing equipment	94	108	110	107	100	94	100	102	100	100	91	
34	Electrical and electronic engineering	36	36	37	39	43	42	43	43	42	43	43	
35	Manufacture of motor vehicles and parts thereof	41	38	37	37	37	35	34	34	34	33	34	
36	Manufacture of other transport equipment	50	53	55	63	55	59	58	62	55	58	58	
37	Instrument engineering	59	56	51	53	50	48	48	49	50	51	52	
4	Other manufacturing industries	14	14	13	14	14	14	14	14	14	15	15	
41/42	Food, drink and tobacco manufacturing industries	10	10	10	10	11	10	11	11	11	12	12	
43	Textile industry	30	29	28	30	31	30	30	31	31	31	32	
44	Manufacture of leather and leather goods	30	32	33	35	38	36	36	37	37	38	40	
45	Footwear and clothing industries	20	18	18	18	19	19	18	19	19	20	21	
46	Timber and wooden furniture industries	6	6	6	6	6	5	5	5	5	5	5	
47	Manufacture of paper and paper products; printing and publishing	10	10	10	10	11	10	10	11	11	11	11	
48	Processing of rubber and plastics	24	22	22	22	22	31	21	21	21	21	22	
49	Other manufacturing industries	38	28	28	28	28	27	28	30	31	33	34	
<b>Ratio 4 Exports/Sales plus Imports</b>													
2-4	Total Manufacturing	21.4	21.0	20.0	20.9	22.1	21.5	21.6	21.9	21.7	21.8	22.0	
2	Extraction of minerals and ores other than fuels; manufacture of metals, mineral products and chemicals	23	24	24	26	29	29	30	30	30	30	30	
21	Extraction and preparation of metalliferous ores	5	6	4	4	4	..	..	..	..	..	..	
22	Metal manufacturing	18	17	19	22	24	25	26	28	28	29	28	
23	Extraction of minerals not elsewhere specified	21	9	8	8	6	6	7	8	8	8	8	
24	Manufacture of non-metallic mineral products	12	13	12	13	14	15	15	15	15	15	15	
25	Chemical industry	30	31	31	33	35	35	35	35	34	34	34	
26	Production of man-made fibres	41	42	45	45	44	41	40	39	38	38	37	
3	Metal goods, engineering and vehicles industries	31	30	27	28	29	29	28	29	28	29	28	
31	Manufacture of metal goods not elsewhere specified	12	12	11	11	12	11	11	11	11	11	11	
32	Mechanical engineering	38	36	31	32	33	32	32	32	31	31	31	
33	Manufacture of office machinery and data processing equipment	40	42	41	43	46	43	44	45	45	45	43	
34	Electrical and electronic engineering	27	27	26	26	29	28	28	28	28	28	25	
35	Manufacturing of motor vehicles and parts thereof	29	25	22	23	22	21	20	21	20	20	21	
36	Manufacture of other transport equipment	38	40	41	45	40	44	44	44	41	44	43	
37	Instrument engineering	38	36	32	32	30	30	29	30	30	31	32	
4	Other manufacturing industries	11	11	10	11	11	11	11	11	11	11	11	
41/42	Food, drink and tobacco manufacturing industries	9	9	9	9	9	9	9	9	9	10	10	
43	Textile industry	21	20	18	19	20	19	19	20	20	20	20	
44	Manufacture of leather and leather goods	20	22	22	23	24	23	23	24	24	24	25	
45	Footwear and clothing industries	14	13	12	13	13	13	13	13	13	13	14	
46	Timber and wooden furniture industries	4	5	4	4	4	4	4	4	3	3	3	
47	Manufacture of paper and paper products; printing and publishing	8	8	8	8	9	8	9	9	9	9	9	
48	Processing of rubber and plastics	20	18	17	17	17	17	17	16	16	16	17	
49	Other manufacturing industries	25	20	19	19	20	19	19	20	20	21	21	

For footnotes 1 and 2 see previous page.

Source: Department of Trade and Industry

# 16 Overseas finance

## 16.1 Balance of payments Summary

£ million

Visible trade (balance)	Seasonally adjusted					Not seasonally adjusted						
	Services	Invisible (balance)			Current balance	Current balance	UK external assets and liabilities			Allocation of SDRs and gold sub- scription to IMF	Balanc- ing item	
		Interest, profits and divi- dends	Trans- fers	Total			Trans- actions in assets <sup>1</sup>	Trans- actions in liabili- ties <sup>1</sup>	Net trans- actions			
1975	AIMA	AIMC	AIMD	AIME	AIMB	AIMF	AIMG	HEPZ	HEQW	HEQU	AIMI	AASA
-3 257	-3 257	1 337	891	-475	1 753	-1 504	-1 504	-1 610	3 135	1 525	0	-21
1976	-3 959	2 244	1 560	-786	3 018	-941	-941	-3 962	4 317	355	0	586
1977	-2 324	3 037	265	-1 128	2 174	-150	-150	-13 844	9 952	-3 892	0	4 042
1978	-1 593	3 542	806	-1 791	2 557	964	964	-4 377	1 506	-2 871	0	1 907
1979	-3 398	3 907	1 205	-2 210	2 902	-496	-496	-40 189	39 446	-7 743	195	1 044
1980	1 353	3 949	-196	-1 984	1 769	3 122	3 122	-43 439	39 567	-3 872	180	570
1981	3 350	3 923	1 210	-1 547	3 586	6 936	6 936	-50 793	43 398	-7 395	158	301
1982	2 218	2 762	1 446	-1 741	2 467	4 685	4 685	-31 381	29 053	-2 328	0	-2 357
1983	-1 075	3 721	2 847	-1 681	4 907	3 832	3 832	-30 120	25 810	-4 310	0	478
1984	-4 580	3 941	4 433	-1 772	6 602	2 022	2 022	-31 953	24 289	-7 664	0	5 642
1985	-2 346	5 962	2 800	-3 079	5 683	3 337	3 337	-53 282	44 208	-9 074	0	5 737
1986	-8 716	5 618	5 079	-2 180	8 517	-199	-199	-95 037	80 837	-14 200	0	14 399
1987	-10 162	5 638	5 523	-3 503	7 658	-2 504	-2 504	-75 094	74 055	-1 039	0	3 543
1978 1st quarter	-568	851	104	-529	426	-142	-429	-1 573	1 265	-308	0	737
2nd quarter	-133	763	268	-393	638	505	288	760	-1 444	-684	0	396
3rd quarter	-531	953	229	-472	710	179	557	-1 413	919	-494	0	-63
4th quarter	-361	975	205	-397	783	422	548	-2 151	766	-1 385	0	837
1979 1st quarter	-1 484	909	439	-523	825	-659	-938	-4 478	3 610	-868	195	1 611
2nd quarter	-475	871	153	-528	496	21	-204	-9 934	9 976	42	0	162
3rd quarter	-600	1 058	463	-566	955	355	688	-15 423	15 088	-334	0	-354
4th quarter	-839	1 069	150	-593	626	-213	-42	-10 354	10 771	417	0	-375
1980 1st quarter	-440	953	-62	-483	408	-32	-351	-14 401	13 026	-1 375	180	1 546
2nd quarter	-183	924	-186	-597	141	-42	-303	-8 157	7 941	-216	0	519
3rd quarter	865	1 002	-45	-572	385	1 250	1 422	-4 695	4 350	-345	0	-1 077
4th quarter	1 111	1 070	97	-332	835	1 946	2 354	-16 186	14 250	-1 936	0	-418
1981 1st quarter	1 703	1 044	251	-52	1 243	2 946	2 679	-15 113	10 815	-4 298	158	1 461
2nd quarter	1 302	971	373	-588	756	2 058	1 724	-8 535	6 055	-2 480	0	756
3rd quarter	33	948	281	-671	558	591	681	-13 845	13 141	-704	0	23
4th quarter	312	960	305	-236	1 029	1 341	1 852	-13 300	13 387	87	0	-1 939
1982 1st quarter	336	881	88	125	1 094	1 430	1 152	-11 568	11 375	-193	0	-959
2nd quarter	221	694	423	-743	374	595	135	-21	1 247	1 226	0	-1 361
3rd quarter	626	530	402	-647	285	911	963	-18 409	16 483	-1 926	0	963
4th quarter	1 035	657	533	-476	714	1 749	2 435	-1 383	-52	-1 435	0	-1 000
1983 1st quarter	8	996	815	6	1 817	1 825	1 477	-10 706	8 468	-2 238	0	761
2nd quarter	-511	929	361	-713	577	66	-382	-187	508	321	0	61
3rd quarter	-210	839	1 003	-397	1 445	1 235	1 398	-11 455	11 885	430	0	-1 828
4th quarter	-362	957	668	-557	1 068	706	1 339	-7 772	4 949	-2 823	0	1 484
1984 1st quarter	-118	1 017	896	-356	1 557	1 439	865	-14 120	13 048	-1 072	0	207
2nd quarter	-1 304	877	872	-676	1 073	-231	-678	-8 862	6 949	-1 913	0	2 591
3rd quarter	-1 613	998	965	-619	1 344	-269	188	-554	-563	-1 117	0	929
4th quarter	-1 545	1 049	1 700	-121	2 628	1 083	1 647	-8 417	4 855	-3 562	0	1 915
1985 1st quarter	-1 394	1 288	918	-862	1 344	-50	-668	-17 244	13 270	-3 974	0	4 642
2nd quarter	-149	1 590	678	-674	1 594	1 445	978	-6 841	5 563	-1 278	0	300
3rd quarter	-590	1 639	814	-846	1 607	1 017	1 425	-16 126	9 966	-6 160	0	4 735
4th quarter	-213	1 445	390	-697	1 138	925	1 602	-13 071	15 409	2 338	0	-3 940
1986 1st quarter	-1 403	1 463	1 018	3	2 484	1 081	656	-15 578	12 746	-2 832	0	2 176
2nd quarter	-1 667	1 317	1 234	-550	1 991	324	-185	-16 012	11 365	-4 647	0	4 832
3rd quarter	-2 996	1 364	1 419	-756	2 027	-969	-892	-42 839	41 971	-868	0	1 760
4th quarter	-2 650	1 474	1 408	-867	2 015	-635	222	-20 608	14 755	-5 853	0	5 631
1987 1st quarter	-1 292	1 433	1 552	-849	2 136	844	531	-15 443	16 143	700	0	-1 231
2nd quarter	-2 390	1 455	1 350	-770	2 035	-355	-797	-24 743	24 132	-611	0	1 408
3rd quarter	-3 202	1 652	1 424	-978	2 098	-1 104	-1 148	-25 058	20 981	-4 077	0	5 225
4th quarter	-3 278	1 098	1 197	-906	1 389	-1 889	-1 090	-9 850	12 799	2 949	0	-1 859
1988 1st quarter	-3 953	931	1 246	-1 067	1 110	-2 843	-3 134	-3 449	4 421	972	0	2 162
2nd quarter	-4 433	907	1 509	-897	1 519	-2 914	-3 498	-17 554	16 031	-1 523	0	5 021

1. Prior to 1979 foreign currency lending and borrowing abroad by UK banks (other than certain export credit extended) is recorded on a net basis under liabilities.

Source: Central Statistical Office

## Overseas finance

### 16.2 Balance of payments

#### Current account

£ million

	Seasonally adjusted						Net seasonal influences on current account	Not seasonally adjusted		
	Visible trade			Invisibles						
	Exports	Imports	Visible balance	Credits	Debits	Invisible balance <sup>1</sup>				
CGKG	CGHK	AIMA	CGKR	CGHT	AIMB	AIMF	HHHI	AIMG		
1982	55 330	53 112	2 218	65 483	63 016	2 467	4 685	0		
1983	60 698	61 773	-1 075	65 997	61 090	4 907	3 832	0		
1984	70 263	74 843	-4 580	77 765	71 163	6 602	2 022	0		
1985	77 988	80 334	-2 346	80 662	74 979	5 683	3 337	0		
1986	72 678	81 394	-8 716	77 249	68 732	8 517	-199	-199		
1987	79 422	89 584	-10 162	80 010	72 352	7 658	-2 504	0		
1987 1st quarter	18 529	20 821	-1 292	19 794	17 658	2 136	844	-313		
2nd quarter	19 357	21 747	-2 390	20 112	18 077	2 035	-355	-442		
3rd quarter	20 234	23 436	-3 202	20 455	18 357	2 098	-1 104	-44		
4th quarter	20 302	23 580	-3 278	19 649	18 260	1 389	-1 889	799		
1988 1st quarter	19 019	22 972	-3 953	20 318	19 208	1 110	-2 843	-291		
2nd quarter	20 238	24 671	-4 433	21 044	19 525	1 519	-2 914	-584		
1987 July	6 686	7 708	-1 022			699	-323			
August	6 586	8 042	-1 456			700	-756			
September	6 962	7 685	-723			699	-24			
October	6 802	7 756	-954			463	-491			
November	6 881	7 969	-1 088			463	-625			
December	6 617	7 856	-1 239			463	-776			
1988 January	6 405	7 797	-1 393			370	-1 023			
February	6 171	7 707	-1 536			370	-1 166			
March	6 443	7 467	-1 024			370	-654			
April	6 857	8 065	-1 208			506	-702			
May	6 543	8 227	-1 684			507	-1 177			
June	6 837	8 378	-1 541			506	-1 035			
July	6 775	9 427	-2 651			500	-2 151			

1. Monthly data is one third of the appropriate calendar quarters estimate or projection.

Source: Central Statistical Office

### 16.3 Balance of payments

#### Summary of transactions in UK external assets and liabilities

Not seasonally adjusted

£ million

	Transactions in assets						Transactions in liabilities					
	UK Investment overseas			Deposits and lending overseas by UK residents			Overseas investment in the United Kingdom			Borrowing from overseas by UK residents		
	Direct	Port-folio	UK banks <sup>2</sup>	Lending etc to overseas and residents general by UK government <sup>3</sup>	Official reserves	Other assets of central government	Total transactions in assets	Direct	port-folio	Other than banks	from overseas and residents general by UK government	Total transactions in liabilities
												Net transactions
HHBV	CGOS	HEYN	HETJ	AIPA	HEUJ	HEPZ	HHBU	HEYR	HTEV	HEUR	HEQW	HEQU
1982	-4 091	-7 563	-20 517	-470	1 421	-161	-31 381	3 027	225	24 325	1 069	407
1983	-5 417	-7 193	-18 349	710	607	-478	-30 120	3 386	1 888	21 137	-17	-584
1984	-6 003	-9 866	-14 290	-1 959	908	-743	-31 953	-181	1 419	24 797	-1 706	-40
1985	-8 653	-19 440	-21 971	-730	-1 758	-730	-53 282	4 213	7 121	29 461	3 390	23
1986	-11 525	-25 243	-53 975	-893	-2 891	-510	-95 037	4 176	8 447	63 721	4 315	178
1987	-15 372	6 463	-50 264	-3 112	-12 012	-797	-75 094	5 953	10 805	52 789	2 985	1 523
1987 1st quarter	-2 247	-2 600	-7 361	-1 499	-1 523	-213	-15 443	1 251	2 973	10 967	958	-6
2nd quarter	-4 851	-150	-15 089	-25	-4 469	-159	-24 743	190	1 892	20 603	683	764
3rd quarter	-5 910	-443	-16 993	-1 275	-269	-168	-25 058	1 995	4 586	13 350	1 023	27
4th quarter	-2 364	9 656	-10 821	-313	-5 751	-257	-9 850	2 517	1 354	7 869	321	738
1988 1st quarter	-2 890	-2 557	1 430	1 435	-653	-214	-3 449	1 944	124	1 501	1 276	-424
2nd quarter	-4 028	-4 043	-8 343	-305	-631	-204	-17 554	1 025	857	14 081	-122	190

1. UK assets: increase-/decrease+. UK liabilities: increase+/decrease-.

Sources: Central Statistical Office

2. Prior to 1982 includes transactions by other financial institutions, which are subsequently included in transactions by other UK residents.

3. Only partial coverage for the most recent quarter.

# 17 Home finance

## 17.1 Central government funds and accounts transactions<sup>1</sup>

£ million

	Consolidated Fund		National Loans Fund			Borrowing required	Other funds and accounts <sup>2</sup>	Central government borrowing requirement <sup>2</sup>
	Revenue	Expenditure	Consolidated Fund surplus/deficit	Receipts	Payments			
	ACAA	ACAI	ACAP	ACAQ	ACAU	ACAX	ACBM	ABEA
1984	95 194.0	103 385.0	-8 191.0	12 799.0	14 844.0	10 236.0	76.0	10 160.0
1985	104 193.0	110 497.0	-6 304.0	13 899.0	19 226.0	11 631.0	-173.0	11 804.0
1986	110 867.0	113 305.0	-2 438.0	14 984.0	20 397.0	7 851.0	-609.0	8 460.0
1987	119 517.0	120 712.0	-1 195.0	16 345.0	21 345.0	6 195.0	2 186.0	4 009.0
<b>Financial years</b>								
1984/85	98 247.0	105 608.0	-7 361.0	12 916.0	15 418.0	9 863.0	-301.0	10 164.0
1985/86	106 132.0	110 127.0	-3 995.0	14 213.0	20 592.0	10 374.0	-588.0	10 962.0
1986/87	111 211.0	116 451.0	-5 240.0	15 614.0	21 251.0	10 877.0	382.0	10 495.0
1987 2nd quarter	26 492.0	29 068.0	-2 576.0	3 377.0	5 747.0	4 946.0	902.0	4 044.0
3rd quarter	28 555.0	29 985.0	-1 430.0	4 632.0	4 574.0	1 372.0	1 017.0	355.0
4th quarter	31 593.0	29 635.0	1 958.0	3 665.0	4 163.0	-1 460.0	139.0	-1 599.0
1988 1st quarter	36 329.0	31 874.0	4 455.0	4 732.0	6 054.0	-3 133.0	-1 066.0	-2 067.0
2nd quarter	28 872.0	28 722.0	150.0	3 620.0	5 166.0	1 396.0	1 256.0	140.0
1987 October	11 479.0	11 817.0	-338.0	1 220.0	1 285.0	403.0	1 063.0	-660.0
November	9 691.0	8 320.0	1 371.0	1 756.0	2 104.0	-1 023.0	-546.0	-477.0
December	10 423.0	9 498.0	925.0	689.0	774.0	-840.0	-378.0	-462.0
1988 January	16 873.0	9 123.0	7 750.0	388.0	2 005.0	-6 133.0	-283.0	-5 870.0
February	9 795.0	8 356.0	1 439.0	412.0	1 617.0	-234.0	-388.0	154.0
March	9 661.0	14 395.0	-4 734.0	3 932.0	2 432.0	3 234.0	-415.0	3 649.0
April	9 633.0	10 455.0	-822.0	1 325.0	2 356.0	1 853.0	2 526.0	-673.0
May	10 340.0	9 927.0	413.0	1 607.0	1 785.0	-235.0	-21.0	-214.0
June	8 899.0	8 340.0	559.0	688.0	1 025.0	-222.0	-1 249.0	1 027.0
July	11 109.0	10 797.0	312.0	2 049.0	2 381.0	20.0		-1 264.0
August	10 024.0	11 994.0	-1 970.0	1 324.0	678.0	1 324.0		-346.0

1. For further details see *Financial Statistics*, Table 3.12.

Source: HM Treasury

2. For recent periods the monthly figures may not aggregate precisely to the quarterly figures.

## 17.2 Public sector borrowing requirement<sup>1</sup>

£ million

	Total		Contributions by:			Financed by:		
	Unadjusted	Seasonally adjusted <sup>2</sup>	Central government <sup>3</sup>	Local authorities	Public corporations	Non-bank private sector	Monetary sector	Overseas sector
						Notes and other coin		
	ABEN	ABEA	AAZK	AAZL	ABGJ	ABHR	ABGF	ABGG
1984	-10 284	-10 160	470	-594	325	8 086	335	293
1985	-7 468	-11 804	3 379	957	528	7 843	-2 408	403
1986	-2 420	-8 460	5 192	848	768	4 430	-975	44
1987	1 415	-4 009	4 542	882	816	7 059	783	-505
<b>Financial years</b>								
1984/85	-10 100	-10 164	943	-879	521	15 051	-4 131	417
1985/86	-5 654	-10 962	4 072	1 236	368	3 213	1 476	316
1986/87	-3 434	-10 495	5 646	1 415	-210	5 025	962	49
	ABFP							
1986 4th quarter	1 670	-1 306	1 050	631	-11	868	-3 437	-559
1987 1st quarter	868	400	-1 209	1 415	662	-655	2 943	269
2nd quarter	-1 450	441	-4 044	2 816	-222	356	4 535	-29
3rd quarter	-472	7	-355	-408	291	111	-1 531	-537
4th quarter	2 469	-2 336	1 599	719	151	1 004	1 112	1 080
1988 1st quarter	2 996	-1 655	2 067	-424	1 353	357	-1 666	-571
2nd quarter	1 487	-2 165	-140	1 413	214	-117	-1 057	-132

1. For further details see *Financial Statistics* Tables 2.3 2.5 and 2.6.

Source: Central Statistical Office

2. Financial year constrained.

3. An increase in debt is shown positive.

17.3 Selected financial statistics<sup>1</sup>

£ million

	National savings <sup>2</sup>	Building societies				Unit trust units	Total capital issues (net)	Net inflow into life assurance and super-annuation funds			
		Deposits		Advances							
		Unadjusted	Seasonally adjusted	Unadjusted	Seasonally adjusted						
<b>Amount outstanding at 31 Dec 1987</b>	<b>ACUV</b> <b>36 512</b>	<b>AHIX</b>	<b>132 328</b>	<b>AHIF</b>	<b>36 330</b>	<b>AGXB</b>					
<b>Net transactions</b>	<b>ACVX</b>	<b>AHKB</b>		<b>AAMN</b>		<b>AGXE</b>	<b>AJAD</b>	<b>AALV</b>			
1984	3 449	13 217		14 572		1 444	2 338	-17 755			
1985	2 489	13 428		14 711		2 538	5 175	-18 420			
1986	2 579	12 684		19 541		5 235	9 305	-18 756			
1987	2 370	14 409		15 390		6 330	15 694	-19 669			
		AHHR		AHHU							
1987 2nd quarter	632	3 220	3 786	3 846	3 689	1 234	2 498				
3rd quarter	532	2 776	2 968	3 864	3 676	2 982	7 985				
4th quarter	176	5 471	4 233	4 171	4 151	368	4 442				
1988 1st quarter	720	4 958	4 345	5 057	5 392	356	429				
2nd quarter	374	5 289	5 459	6 614	6 433	416	2 181				
1987 October	-33	1 145	801	1 388	1 324	246	2 690				
November	34	1 273	2 144	1 563	1 448	-13	1 308				
December	175	3 053	1 288	1 220	1 379	155	444				
1988 January	293	2 268	1 106	1 470	1 655	136	191				
February	234	1 205	1 513	1 308	1 490	162	387				
March	183	1 485	1 726	2 279	2 247	58	-149				
April	171	1 813	1 675	1 956	1 979	196	249				
May	64	1 501	1 794	2 125	2 063	-9	1 557				
June	139	1 975	1 990	2 533	2 391	229	375				
July	154	1 973	1 632	2 716	2 605	111	670				
August							471				

	Monetary sector <sup>3</sup>				Credit business		Consumer credit	
	UK private sector deposits		Lending to the private sector		Unadjusted	Seasonally adjusted	Unadjusted	Seasonally adjusted
	Sterling	Other currencies	Sterling	Other currencies				
	Unadjusted	Seasonally adjusted	Unadjusted	Seasonally adjusted				
<b>Amount outstanding at 31 Dec 1987</b>	<b>AEAS</b> <b>172 116</b>	<b>AEAY</b> <b>30 774</b>	<b>AECE</b> <b>203 990</b>	<b>AECK</b> <b>46 859</b>	<b>AGTA</b> <b>22 907</b>		<b>AILA</b> <b>36 829</b>	
<b>Net transactions</b>	<b>AEAT</b>	<b>AEAZ</b>	<b>AECF</b>	<b>AECL</b>	<b>AGTB</b>		<b>AIKL</b>	
1984	9 566	1 089	14 666	4 905	2 162		3 094	
1985	14 470	2 575	19 806	4 740	2 601		3 805	
1986	22 378	7 459	29 972	8 248	2 063		4 571	
1987	33 858	6 816	42 379	10 547	3 779		6 035	
	AEAW		AECL		AGTM		AIKM	
1987 2nd quarter	8 091	7 951	426	10 413	8 765	840	1 047	1 756
3rd quarter	7 961	8 142	1 875	10 962	11 398	-1 152	1 143	1 768
4th quarter	8 580	8 579	2 373	10 569	11 561	-176	1 288	1 029
1988 1st quarter	6 933	6 736	377	11 570	12 649	1 911	725	1 032
2nd quarter	9 213	9 203	-512	16 472	15 803	1 558	897	996
1987 October	5 179.0	1 631.0	3 093.0		3 421.0	473.0	378	
November	1 354.0	1 261.0	2 648.0		-1 528.0	430.0	368	
December	2 047.0	-519.0	4 828.0		-2 069.0	385.0	283	
1988 January	-1 761.0		324.0	2 031.0		727.0	176.0	350
February	982.0		-832.0	1 689.0		-969.0	193.0	299
March	7 712.0		885.0	7 850.0		2 153.0	356.0	383
April	1 591.0		-453.0	4 333.0		-2 519.0	232.0	266
May	2 816.0		-412.0	3 541.0		1 439.0	283.0	453
June	4 806.0		353.0	8 598.0		2 638.0	382.0	406
July	5 164.0		-516.0	5 819.0		-157.0	272.0	392
August								

1. For further details see *Financial Statistics*, Tables 3.9 6.1 7.1 7.5 7.6 7.10 9.3 12.1.

2. Total administered by the Department for National Savings.

3. Monthly figures relate to calendar months.

Sources: Central Statistical Office  
 Department for National Savings  
 Building Societies Association  
 Unit Trust Association  
 Bank of England  
 Department of Trade and Industry

## 17.4 Monetary aggregates

£ million

	'Narrow' money		'Broad' money		M4		M5	
	M0—the wide monetary base		M3		Unadjusted	Seasonally adjusted	Unadjusted	Seasonally adjusted
	Unadjusted	Seasonally adjusted	Unadjusted	Seasonally adjusted	Unadjusted	Seasonally adjusted	Unadjusted	Seasonally adjusted
<b>Amounts outstanding at<sup>1</sup></b>								
December 1981	12 555	11 931	77 155	75 768	138 982	138 481	148 864	148 370
December 1982	12 555	11 931	84 592	83 115	155 575	155 168	166 763	166 378
December 1983	12 948	12 343	92 115	90 502	176 214	175 550	188 429	187 682
December 1984	13 849	13 082	102 311	100 504	200 006	199 368	213 191	212 559
December 1985	14 615	13 835	112 564	110 513	225 959	225 548	240 031	239 676
December 1986	15 173	14 412	127 642	125 150	261 747	261 575	276 848	276 873
December 1987	15 956	15 194	151 704	150 670	304 480	304 302	319 924	319 638
<b>Changes during quarter</b>								
1985 3rd quarter			5 035	4 669	6 325	7 121	6 418	7 240
4th quarter			4 133	3 036	6 963	6 075	6 895	6 111
1986 1st quarter			6 120	6 184	10 248	10 895	9 869	10 405
2nd quarter			6 781	7 095	9 862	9 829	10 194	10 145
3rd quarter			6 378	6 006	7 355	7 397	7 964	7 859
4th quarter			3 736	3 428	7 142	6 808	7 052	7 058
1987 1st quarter			8 580	9 117	8 699	9 160	8 488	8 772
2nd quarter			8 366	8 149	11 045	10 795	11 764	11 572
3rd quarter			8 152	8 477	11 018	11 608	11 329	11 730
4th quarter			9 526	8 849	11 843	11 178	12 240	11 528
1988 1st quarter			7 353	7 575	11 518	10 741	11 856	11 257
<b>Changes during period ending<sup>2</sup></b>								
1987 April	325	77	3 166	3 428	3 518	4 109	3 537	3 812
May	42	68	3 293	2 385	3 485	2 604	4 101	3 462
June	-93	24	1 907	2 336	4 042	4 082	4 126	4 298
July	423	189	4 262	3 662	5 347	4 365	5 481	4 330
August	13	39	2 186	2 294	2 645	3 763	2 759	3 844
September	14	120	1 704	2 521	3 026	3 480	3 089	3 556
October	-32	99	5 690	6 399	5 367	6 501	5 500	6 569
November	47	49	1 256	-68	1 577	860	1 531	893
December	1 085	139	2 580	2 519	4 899	3 817	5 209	4 066
1988 January	-994	-46	-2 159	916	295	787	-25	982
February	-162	-18	545	742	1 252	2 902	877	2 719
March	274	133	8 967	5 917	9 971	7 052	10 904	7 556
April	274	139	1 216	2 884	1 756	3 215		2 603

1. The figures for M0 are the average of levels during December, whereas for M3, M4 and M5 they are the levels as at the end of December. The figures for December 1981 show in the first line levels on the basis of the old banking sector and in the second line on the basis of the new monetary sector. Banking sector levels for December 1981 are partly estimated.

2. The figures for M0 are the changes between the average levels in each month.

Source: Bank of England

## 17.5 Selected interest rates, exchange rates and security prices

	London clearing banks' base rate	Average discount rate on Treasury bills	3 month inter-bank rate	British government securities 20 years yield <sup>1</sup>	Sterling exchange rate index 1975 = 100	Exchange rate US spot	Ordinary share price index <sup>2</sup>
<b>Last Friday</b>							
1987 October 30	9.5	8.87	9 1/4-9 1/4	9.31	74.6	1.7230	887.33
November 27	9.0	8.48	8 1/2-9 1/2	9.30	76.0	1.8060	831.00
December 31	8.5	8.21	8 1/4-8	9.51	75.8	1.8870	870.22
1988 January 29	8.5	8.21	8 1/4-8 1/4	9.29	74.3	1.7700	915.84
February 26	9.0	8.81	9 1/4-9 1/4	9.21	74.7	1.7720	907.47
March 25	8.5	8.30	8 1/4-8 1/4	9.00	76.7	1.8345	909.64
April 29	8.0	7.83	8 1/4-8 1/4	9.23	78.4	1.8792	928.19
May 27	7.5	7.15	7 1/4-7 1/4	9.29	78.2	1.8557	923.48
June 24	9.0	9.03	8 1/4-9 1/4	9.55	75.2	1.7055	967.61
July 29	10.5	10.26	10 1/4-10 1/4	9.46	76.5	1.7115	965.18
August 26	12.0	11.49	11 1/4-12 1/4	9.71	75.8	1.6810	921.68

1. Calculated gross redemption yield on last working day.

2. Financial Times Actuaries share indices 10 April 1962 = 100. All classes (750 shares) index.

Source: Bank of England

# 18 Prices and wages

## 18.1 General index of retail prices<sup>1</sup>

	All items	All items except seasonal food <sup>2</sup>	Food	Alcoholic drink	Tobacco	Housing	Fuel and light	Durable household goods	Clothing and foot-wear	Transport and vehicles	Miscellaneous goods	Services	Meals bought and consumed outside the home
15 January 1974 = 100													
1980	263.7	265.3	255.9	261.8	290.1	269.5	313.2	226.3	205.4	288.7	276.4	262.7	290.0
1981 Annual	295.0	296.9	277.5	306.1	358.2	318.2	380.0	237.2	208.3	322.6	300.7	300.8	318.0
1982 Averages	320.4	322.0	299.3	341.4	413.3	358.3	433.3	243.8	210.5	343.5	325.8	331.6	341.7
1983	335.1	337.1	308.8	366.5	440.9	367.1	465.4	250.4	214.8	366.3	345.6	342.9	364.0
1984	351.8	353.1	326.1	387.7	489.0	400.7	478.8	256.7	214.6	374.7	364.7	357.3	390.8
1985	373.2	375.4	336.3	412.1	532.5	452.3	499.3	263.9	222.9	392.5	382.2	381.3	413.3
1986	385.9	387.9	347.3	430.6	584.9	478.1	506.0	266.7	229.2	390.1	409.2	400.5	438.5
1986 January 14	379.7	381.9	341.1	423.8	545.7	463.7	507.0	265.2	225.2	393.1	402.9	393.1	426.7
February 11	381.1	383.3	343.6	425.9	549.9	465.7	507.0	267.8	225.7	391.2	406.1	394.1	428.9
March 11	381.6	383.4	345.2	426.5	553.2	467.5	507.0	268.8	227.9	386.8	405.8	394.7	429.9
April 15	385.3	387.0	347.4	427.6	580.8	483.5	506.8	267.6	227.4	386.3	408.7	399.1	434.3
May 13	386.0	387.3	349.8	428.8	594.4	482.7	504.2	269.3	227.8	383.6	408.5	400.5	436.2
June 10	385.8	387.0	351.4	429.4	597.3	471.6	504.8	268.7	227.5	387.9	409.3	401.2	439.3
July 15	384.7	386.8	347.4	431.0	597.1	472.8	505.0	265.5	226.8	386.7	408.2	401.5	440.4
August 12	385.9	387.9	348.6	432.5	597.5	475.2	505.8	264.2	229.7	387.0	410.1	402.0	442.6
September 16	387.8	390.0	348.3	434.6	598.3	477.3	506.7	263.7	231.5	393.2	411.6	403.2	445.8
October 14	388.4	390.9	347.6	436.6	599.9	478.4	506.4	264.7	233.0	393.3	412.5	404.0	447.8
November 11	391.7	394.3	347.5	436.0	602.2	497.4	506.1	267.3	234.0	395.3	413.0	406.2	449.5
December 9	393.0	395.3	349.8	434.6	603.1	501.1	505.3	267.9	234.2	396.3	414.0	406.7	452.9
1987 January 13	394.5	396.4	354.0	440.7	602.9	502.4	506.1	265.6	230.8	399.7	413.0	408.8	454.8
13 January 1987 = 100													
Weights 1988	1 000	213	114	330	109	234	976	837	24	139	840	54	141
	All items	Food and catering	Alcohol and tobacco	Housing and household expenditure	Personal expenditure	Travel and leisure	All items except seasonal food <sup>2</sup>	All items except seasonal food <sup>2</sup>	Seasonal food	Non-seasonal food	All items except housing	Nationalised industries	Consumer durables
13 January 1987 = 100													
1987 Annual Averages	101.9	101.4	101.2	102.1	101.4	102.6	101.9	102.0	101.6	101.0	101.6	100.9	101.2
1987 January 13	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
February 10	100.4	100.6	100.2	100.3	100.3	100.6	100.3	100.4	103.2	100.2	100.4	100.0	100.3
March 10	100.6	100.7	100.4	100.5	100.8	100.8	100.6	100.6	103.0	100.3	100.6	100.0	100.8
April 14	101.8	101.5	100.5	102.8	101.1	101.6	101.6	101.8	107.4	100.5	101.2	100.8	101.0
May 12	101.9	102.1	100.7	102.2	101.1	102.2	101.7	101.8	110.6	100.7	101.6	100.7	101.2
June 9	101.9	101.7	100.9	102.1	101.2	102.5	101.8	101.9	105.2	100.9	101.6	100.7	101.1
July 14	101.8	100.9	101.0	102.2	100.1	103.2	101.9	102.1	97.0	101.0	101.4	100.9	99.9
August 11	102.1	101.3	101.2	102.5	100.7	103.4	102.2	102.4	98.6	101.0	101.7	101.3	100.3
September 8	102.4	101.2	101.7	102.7	101.8	103.7	102.6	102.8	95.7	101.2	102.1	101.4	101.7
October 13	102.9	101.8	102.5	103.1	102.4	104.2	103.1	103.3	96.8	101.8	102.6	101.5	102.2
November 10	103.4	102.4	102.6	103.7	103.2	104.5	103.6	103.8	98.8	102.1	103.0	101.9	102.9
December 8	103.3	103.1	102.5	102.9	103.6	104.3	103.3	103.5	102.4	102.4	103.2	101.9	103.2
1988 January 12	103.3	103.7	103.0	102.9	102.2	104.5	103.3	103.4	103.7	102.7	103.2	102.8	101.2
February 16	103.7	104.3	103.4	103.2	102.9	104.5	103.6	103.8	106.9	103.0	103.6	103.1	101.9
March 15	104.1	104.7	103.6	103.5	103.7	104.9	104.0	104.2	107.1	103.4	104.0	103.0	102.6
April 19	105.8	105.3	105.2	106.4	104.1	106.4	105.7	106.0	108.5	103.8	105.0	104.9	103.0
May 17	106.2	105.7	105.6	106.6	105.3	106.7	106.1	106.4	106.9	104.3	105.5	106.0	104.1
June 14	106.6	105.9	105.7	107.1	105.8	107.3	106.6	106.9	105.3	104.7	105.9	107.3	104.2
July 19	106.7	105.2	105.9	107.7	104.6	107.9	106.9	107.2	97.9	105.0	106.0	108.2	103.1
August 16	107.9	105.7	106.4	110.5	104.7	108.3	108.1	108.5	97.5	105.7	106.4	108.3	103.4

1. Following the recommendation of the Retail Price Index Advisory Committee, the index has been re-referenced to make January 13, 1987 = 100. Further details can be found in the April 1987 edition of *Employment Gazette*.

Source: Department of Employment.

2. Seasonal food is defined as; items of food the prices of which show significant seasonal variations. These are fresh fruit and vegetables, fresh fish, eggs and fresh-killed lamb.

## 18.2

General index of retail prices<sup>1</sup>  
Detailed figures for various groups, sub-groups and sections

Group and sub-group weights in 1988	13 January 1987=100							
	1988							
	16 February	15 March	19 April	17 May	14 June	19 July	16 August	
All items	1 000	103.7	104.1	105.8	106.2	106.6	106.7	107.9
Food	163	103.6	103.9	104.4	104.7	104.8	104.0	104.4
Bread	9	106.2	106.2	106.5	107.4	108.0	108.3	108.7
Cereals	4	105.5	106.2	107.1	107.8	107.8	108.3	108.6
Biscuits and cakes	9	103.1	102.9	103.1	104.2	104.5	105.3	104.6
Beef	10	104.9	105.7	106.2	107.8	109.0	109.6	111.3
Lamb	3	97.5	98.0	102.6	106.9	108.9	102.4	103.8
of which home killed lamb	1	92.7	95.7	106.2	110.3	113.2	103.0	104.9
Pork	4	100.1	100.9	99.9	99.6	101.8	100.9	100.5
Bacon	4	102.2	102.3	101.9	102.4	103.0	103.1	103.5
Poultry	7	100.2	101.9	100.7	101.4	101.5	101.8	101.6
Other meat	10	100.5	100.0	99.8	99.9	99.9	99.7	99.6
Fish	5	106.1	105.1	104.9	103.8	104.3	103.7	103.3
of which fresh fish	2	107.9	106.0	105.7	103.5	105.0	105.9	106.2
Butter	2	101.7	102.5	103.1	103.2	103.4	104.5	105.4
Oil and fats	3	100.8	101.0	101.3	101.5	101.0	101.5	102.8
Cheese	5	104.7	106.0	106.6	106.8	106.9	107.2	107.0
Eggs	3	110.6	108.7	110.5	108.0	104.2	102.4	101.7
Milk, fresh	13	104.1	104.1	104.4	104.5	104.6	104.6	107.8
Milk products	3	105.7	106.1	107.5	107.5	107.7	108.3	110.1
Tea	3	100.8	100.6	101.0	100.7	103.9	107.1	106.7
Coffee and other hot drinks	3	92.3	92.4	92.5	92.4	93.0	93.0	93.5
Soft drinks	8	109.3	110.3	112.2	114.8	115.4	115.8	117.2
Sugar and preserves	3	107.6	109.3	109.8	110.1	110.1	110.7	110.5
Sweets and chocolates	13	100.6	100.8	101.1	101.1	101.0	101.0	101.2
Potatoes	7	100.9	99.6	99.6	100.1	95.8	90.2	94.4
of which unprocessed potatoes	4	100.3	97.7	98.2	98.0	89.5	79.6	86.0
Vegetables	12	110.2	112.9	114.2	110.5	107.5	97.2	96.5
of which other fresh vegetables	8	114.2	117.0	117.6	111.5	106.8	90.7	89.5
Fruit	8	104.1	104.0	105.3	106.1	110.5	111.5	107.5
of which fresh fruit	6	104.3	104.4	106.2	107.8	113.1	114.3	109.2
Other foods	12	103.0	103.2	104.0	105.1	105.2	105.4	106.0
Catering	50	107.1	107.5	108.5	108.9	109.5	109.7	110.4
Restaurant meals	25	107.5	107.8	108.6	109.1	109.8	110.0	111.1
Canteen meals	8	107.1	107.5	109.0	109.2	109.5	109.6	109.6
Take-aways and snacks	17	106.6	107.1	108.1	108.6	109.1	109.3	109.8
Alcoholic drink	78	104.2	104.6	106.1	106.6	106.8	107.1	107.7
Beer	46	104.8	105.1	106.8	107.4	107.6	108.0	108.8
Beer on sales	41	104.9	105.1	106.8	107.3	107.5	108.1	109.0
Beer off sales	5	104.2	105.0	107.0	107.4	107.8	107.7	107.5
Wines and spirits	32	103.4	103.9	105.1	105.5	105.7	105.8	106.2
Wines and spirits on sales	14	104.5	104.7	106.3	106.7	107.0	107.1	107.7
Wines and spirits off sales	18	102.7	103.4	104.2	104.6	104.8	104.9	105.0
Tobacco	36	101.6	101.6	103.2	103.7	103.6	103.4	103.6
Cigarettes	32	101.9	101.9	103.5	104.0	103.9	103.8	104.0
Other tobacco	4	99.7	99.5	100.7	101.3	100.8	100.8	100.9
Housing	160	104.3	104.7	109.9	109.4	109.8	110.2	115.8
Rent	33	105.8	105.9	111.9	112.0	112.5	112.9	112.8
Mortgage interest payments	42	96.8	97.8	101.6	98.9	99.3	99.9	118.8
Rates	43	107.7	107.7	116.8	116.8	116.8	116.8	116.8
Water and other charges	7	107.6	107.6	115.5	115.6	115.6	115.6	115.6
Repairs and maintenance charges	9	104.3	104.4	105.5	106.3	106.6	106.9	107.3
Do-it-yourself materials	19	105.4	105.8	106.0	106.4	107.1	107.9	108.4

Note: Indices are given to one decimal place to provide as much information as is available but precision is greater at higher levels of aggregation, i.e. at sub-group and group levels.

Source: Department of Employment

1. Retail Prices Index 1914-1985 (HMSO Price £4.80 net) contains group and sub-group indices and weights back to 1974, group indices back to 1956 and all items indices back to 1947, together with cost of living indices (on a more restricted basis) as far back as 1914.

## Prices and wages

# 18.2

### General index of retail prices<sup>1</sup> Detailed figures for various groups, sub-groups and sections

continued

	Group and sub-groups weights in 1988	13 January 1987=100						
		16 February	15 March	19 April	17 May	14 June	19 July	16 August
<b>Fuel and light</b>	55	98.0	97.8	99.1	100.7	102.4	103.6	103.4
Coal and solid fuels	5	102.0	101.9	101.9	97.2	96.6	96.2	95.8
Electricity	26	100.0	100.0	101.7	104.4	107.1	108.6	108.6
Gas	21	95.5	95.5	96.6	98.4	100.1	101.2	101.2
Oil and other fuel	3	92.9	89.4	89.5	90.1	88.7	89.9	86.5
<b>Household goods</b>	74	103.9	104.5	105.0	105.5	105.6	105.9	106.5
Furniture	14	103.9	105.0	105.5	106.3	105.8	105.7	106.5
Furnishings	12	104.7	105.7	105.9	106.5	106.5	106.2	106.9
Electrical appliances	16	103.0	103.6	104.1	104.8	104.7	103.9	104.3
Other household equipment	10	104.1	104.4	105.3	105.8	105.9	106.3	107.3
Household consumables	14	105.9	106.2	106.7	106.9	107.6	109.9	110.6
Pet care	8	100.7	100.8	100.6	101.1	101.2	101.9	102.4
<b>Household services</b>	41	105.3	105.4	105.7	106.0	106.2	107.1	107.4
Postage	2	100.6	100.6	100.6	100.6	100.6	100.6	100.6
Telephones telemessages etc.	16	101.2	101.2	101.2	101.2	101.2	101.2	101.2
Domestic services	7	106.1	106.7	107.3	107.6	108.3	108.7	109.3
Fees and subscriptions	16	108.9	109.1	109.7	110.2	110.5	112.5	113.0
<b>Clothing and footwear</b>	72	101.9	102.9	103.1	104.8	105.3	103.3	103.3
Men's outerwear	14	102.9	104.4	104.4	105.9	106.6	103.9	104.0
Women's outerwear	22	99.8	100.7	100.9	103.3	104.3	101.1	100.7
Children's outerwear	9	102.1	102.6	102.3	107.2	107.3	104.5	104.1
Other clothing	12	103.5	104.3	104.6	104.8	105.1	104.8	104.9
Footwear	15	102.4	103.8	104.1	104.4	104.3	103.8	104.7
<b>Personal goods and services</b>	37	104.7	105.1	106.0	106.3	106.6	107.1	107.5
Personal articles	11	100.9	100.9	101.0	101.2	101.3	101.5	101.8
Chemists goods	15	105.4	105.9	106.9	107.3	107.8	108.0	108.4
Personal services	11	107.7	108.1	109.8	110.1	110.4	111.5	112.0
<b>Motoring expenditure</b>	132	105.0	105.6	107.0	107.3	108.2	109.2	109.5
Purchase of motor vehicles	58	106.5	107.8	109.5	110.1	111.3	112.3	113.3
Maintenance of motor vehicles	18	107.5	108.0	108.6	108.8	109.6	110.1	109.9
Petrol and oil	36	98.0	98.0	99.9	99.7	100.7	100.9	100.8
Vehicle tax and insurance	20	112.2	112.2	112.9	113.1	113.1	115.9	115.9
<b>Fares and other travel costs</b>	23	105.7	105.6	105.8	106.7	106.9	107.9	108.6
Rail fares	7	107.1	107.1	107.1	107.8	107.8	107.8	107.8
Bus and coach fares	7	108.2	108.2	108.3	109.5	109.7	111.3	112.4
Other travel costs	9	102.3	102.2	102.6	103.4	103.6	104.9	105.9
<b>Leisure goods</b>	50	103.3	103.3	103.9	104.3	104.2	104.4	104.7
Audio-visual equipment	13	95.1	94.6	95.1	95.1	94.2	93.3	93.4
Records and tapes	5	99.3	99.5	99.6	99.5	99.6	99.6	99.7
Toys, photographic and sports goods	11	102.8	103.1	104.3	104.4	104.5	105.8	106.3
Books and newspapers	16	110.2	110.3	110.9	111.9	111.9	112.6	113.1
Gardening products	5	105.0	105.9	105.3	107.2	107.7	107.0	107.2
<b>Leisure services</b>	29	103.7	103.8	108.3	108.4	108.4	108.3	108.5
Television licences and rentals	11	99.4	99.5	103.6	103.6	103.6	103.3	103.3
Entertainment and other recreation	18	107.0	107.1	111.8	112.0	112.0	112.1	112.4

Note: Indices are given to one decimal place to provide as much information as is available but precision is greater at higher levels of aggregation, i.e. at sub-group and group levels.

Source: Department of Employment

1. Retail Prices Index 1914-1985 (HMSO Price £4.80 net) contains group and sub-group indices and weights back to 1974, group indices back to 1956 and all items indices back to 1947, together with cost of living indices (on a more restricted basis) as far back as 1914.

## 18.3

General index of retail prices (all items)<sup>1</sup>

	Annual average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
January 1974=100													
1962	53.0	52.1	52.2	52.4	53.1	53.3	53.6	53.4	53.0	52.9	52.9	53.1	53.3
1963	54.0	53.5	54.0	54.1	54.2	54.2	54.2	53.9	53.7	53.9	54.1	54.2	54.3
1964	55.8	54.6	54.6	54.8	55.3	55.8	56.0	56.0	56.2	56.2	56.3	56.7	56.9
1965	58.4	57.1	57.1	57.3	58.4	58.6	58.8	58.8	58.9	58.9	59.0	59.2	59.5
1966	60.7	59.6	59.6	59.7	60.5	60.9	61.1	60.8	61.2	61.1	61.2	61.6	61.7
1967	62.3	61.8	61.8	61.8	62.3	62.3	62.5	62.1	62.0	61.9	62.4	62.8	63.2
1968	65.2	63.4	63.7	63.9	65.1	65.1	65.4	65.4	65.5	65.6	65.9	66.1	66.9
1969	68.7	67.3	67.7	67.9	68.7	68.6	68.9	68.9	68.7	68.9	69.4	69.6	70.1
1970	73.1	70.6	71.0	71.4	72.5	72.7	72.9	73.5	73.4	73.8	74.6	75.1	75.6
1971	80.0	76.6	77.1	77.7	79.4	79.9	80.4	80.9	81.0	81.1	81.5	82.0	82.4
1972	85.7	82.9	83.3	83.6	84.4	84.8	85.3	85.6	86.3	86.8	88.0	88.3	88.7
1973	93.5	89.3	89.9	90.4	92.1	92.8	93.3	93.7	94.0	94.8	96.7	97.4	98.1
1974	108.5	100.0	101.7	102.6	106.1	107.6	108.7	109.7	109.8	111.0	113.2	115.2	116.9
1975	134.8	119.9	121.9	124.3	129.1	134.5	137.1	138.5	139.3	140.5	142.5	144.2	146.0
1976	157.1	147.9	149.8	150.6	153.5	155.2	156.0	156.3	158.5	160.6	163.5	165.8	168.0
1977	182.0	172.4	174.1	175.8	180.3	181.7	183.6	183.8	184.7	185.7	186.5	187.4	188.4
1978	197.1	189.5	190.6	191.8	194.6	195.7	197.2	198.1	199.4	200.2	201.1	202.5	202.4
1979	223.5	207.2	208.9	210.6	214.2	215.9	219.6	229.1	230.9	233.2	235.6	237.7	239.4
1980	263.7	245.3	248.8	252.2	260.8	263.2	265.7	267.9	268.5	270.2	271.9	274.1	275.6
1981	295.0	277.3	279.8	284.0	292.2	294.1	295.8	297.1	299.3	301.0	303.7	306.9	308.8
1982	320.4	310.6	310.7	313.4	319.7	322.0	322.9	323.0	323.1	322.9	324.5	326.1	325.5
1983	335.1	325.9	327.3	327.9	332.5	333.9	334.7	336.5	338.0	339.5	340.7	341.9	342.8
1984	351.8	342.6	344.0	345.1	349.7	351.0	351.9	351.5	354.8	355.5	357.7	358.6	358.5
1985	373.2	359.8	362.7	366.1	373.9	375.6	376.4	375.7	376.7	376.5	377.1	378.4	378.9
1986	385.9	379.7	381.1	381.6	385.3	386.0	385.8	384.7	385.9	387.8	388.4	391.7	393.0
1987					394.5								
January 1987=100													
1987	101.9	100.0	100.4	100.6	101.8	101.9	101.9	101.8	102.1	102.4	102.9	103.4	103.3
1988		103.3	103.7	104.1	105.8	106.2	106.6	106.7	107.9				

1. Retail Prices Indices 1914-1986 (HMSO Price £5.00 net) contains group and sub-group indices and weights back to 1974, group indices back to 1956 and 'all items' indices back to 1947, together with cost of living indices (on a more restricted basis) as far back as 1914.

Source: Department of Employment

18.4 Internal purchasing power of the pound (based on RPI)<sup>1</sup>

pence

Year in which purchasing power was 100p														
1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
1973	100	116	144	168	195	211	239	282	316	343	358	376	399	413
1974	86	100	124	145	168	182	206	243	272	295	309	324	344	356
1975	69	80	100	117	135	146	166	196	219	238	249	261	277	286
1976	60	69	86	100	116	125	142	168	188	204	213	224	238	246
1977	51	60	74	86	100	108	123	145	162	176	184	193	205	212
1978	47	55	68	80	92	100	113	134	150	163	170	178	189	204
1979	42	49	60	70	81	88	100	118	132	143	150	157	167	173
1980	35	41	51	60	69	75	85	100	112	122	127	133	142	152
1981	32	37	46	53	62	67	76	89	100	109	114	119	127	131
1982	29	34	42	49	57	62	70	82	92	100	105	110	116	125
1983	28	32	40	47	54	59	67	79	88	96	100	105	111	120
1984	27	31	38	45	52	56	64	75	84	91	95	100	106	110
1985	25	29	36	42	49	53	60	71	79	86	90	94	100	108
1986	24	28	35	41	47	51	58	68	76	83	87	91	97	104
1987	23	27	34	39	45	49	56	66	73	80	83	87	93	100

Note: To find the purchasing power of the pound in 1980, given that it was 100 pence in 1973, select the column headed 1973 and look at the 1980 row. The result is 35 pence.

Source: Central Statistical Office

1. These figures are calculated by taking the inverse ratio of the respective annual averages of the General Index of Retail Prices. See table above.

## Prices and wages

### 18.5 Tax and price index

	January 1978=100											
	1979	1980	1981	1982	1983	1984	1985	1986	1987	1987	1988	January 1987=100
January	106.1	123.2	140.4	162.3	170.7	177.9	184.7	192.9	198.0	100.0	101.4	
February	107.2	125.3	141.9	162.4	171.6	178.8	186.4	193.7		100.5	101.8	
March	106.2	127.2	144.3	164.0	171.9	179.4	188.4	194.0		100.7	102.3	
April	110.5	130.8	151.3	166.0	171.8	178.8	190.2	192.5		99.7	101.4	
May	111.6	132.2	152.4	167.4	172.6	179.6	191.2	192.9		99.8	101.9	
June	113.8	133.6	153.5	168.0	173.1	180.1	191.7	192.8		99.8	102.3	
July	113.8	134.9	154.2	169.0	174.2	179.9	191.3	192.1		99.7	102.4	
August	114.9	135.3	155.5	169.0	175.1	181.8	191.8	192.9		100.0	103.7	
September	116.2	136.3	156.6	168.9	176.0	182.2	191.7	194.0		100.4		
October	117.6	137.3	158.2	169.9	176.7	183.5	191.4	194.3		100.9		
November	118.8	138.5	160.1	170.9	177.5	184.1	192.1	196.3		101.5		
December	119.8	139.4	161.2	170.5	178.0	183.9	192.4	197.1		101.4		
Percentage changes over 12 months												
<b>Tax and price index</b>												
January	+6.1	+16.1	+14.0	+15.6	+5.2	+4.2	+3.8	+4.4	+2.6			+1.4
February	+6.5	+16.9	+13.2	+14.4	+5.7	+4.2	+4.3	+3.9		+2.7		+1.3
March	+6.6	+17.6	+13.4	+13.7	+4.8	+4.4	+5.0	+3.0		+2.8		+1.6
April	+12.3 <sup>1</sup>	+18.4 <sup>1</sup>	+15.7	+9.7	+3.5	+4.1	+6.4	+1.2		+2.5		+1.7
May	+12.6 <sup>1</sup>	+18.5 <sup>1</sup>	+15.3	+9.8	+3.1	+4.1	+6.5	+0.9		+2.4		+2.1
June	+13.8 <sup>1</sup>	+17.4 <sup>1</sup>	+14.9	+9.4	+3.0	+4.0	+6.4	+0.6		+2.5		+2.5
July	+13.2	+18.5	+14.3	+9.6	+3.1	+3.3	+6.3	+0.4		+2.8		+2.7
August	+13.4	+17.8	+14.9	+8.7	+3.6	+3.8	+5.5	+0.6		+2.6		+3.7
September	+14.1	+17.3	+14.9	+7.9	+4.2	+3.5	+5.2	+1.2		+2.4		
October	+14.8	+16.8	+15.2	+7.4	+4.0	+3.8	+4.3	+1.5		+2.9		
November	+15.1	+16.6	+15.6	+6.7	+3.9	+3.7	+4.3	+2.2		+2.4		
December	+14.9	+16.4	+15.6	+5.8	+4.4	+3.3	+4.6	+2.4		+1.9		
<b>Retail prices index</b>												
January	+9.3	+18.4	+13.0	+12.0	+4.9	+5.1	+5.0	+5.5	+3.9			+3.3
February	+9.6	+19.1	+12.5	+11.0	+5.3	+5.1	+5.4	+5.1		+3.9		+3.3
March	+9.8	+19.8	+12.6	+10.4	+4.6	+5.2	+6.1	+4.2		+4.0		+3.5
April	+10.1	+21.8	+12.0	+9.4	+4.0	+5.2	+6.9	+3.0		+4.2		+3.9
May	+10.3	+21.9	+11.7	+9.5	+3.7	+5.1	+7.0	+2.8		+4.1		+4.2
June	+11.4	+21.0	+11.3	+9.2	+3.7	+5.1	+7.0	+2.5		+4.2		+4.6
July	+15.6	+16.9	+10.9	+8.7	+4.2	+4.5	+6.9	+2.4		+4.4		+4.8
August	+15.8	+16.3	+11.5	+8.0	+4.6	+5.0	+6.2	+2.4		+4.4		+5.7
September	+16.5	+15.9	+11.4	+7.3	+5.1	+4.7	+5.9	+3.0		+4.2		
October	+17.2	+15.4	+11.7	+6.8	+5.0	+5.0	+5.4	+3.0		+4.5		
November	+17.4	+15.3	+12.0	+6.3	+4.8	+4.9	+5.5	+3.5		+4.1		
December	+17.2	+15.1	+12.0	+5.4	+5.3	+4.6	+5.7	+3.7		+3.7		

Note: The purpose and methodology of the Tax and price index were described in an article in the August 1979 issue of *Economic Trends* and in the September *Economic Progress Report* published by the Treasury. The purpose is to produce a single index which measures changes in both direct taxes (including national insurance contributions) and in retail prices for a representative cross-section of taxpayers. Thus, while the Retail prices index may be used to measure changes in the purchasing power of after-tax income (and of the income of non-taxpayers) the Tax and price index takes account of the fact that taxpayers will have more or less to spend according to changes in direct taxation. The index measures the change in gross taxable income which would maintain after tax income in real terms.

Source: Central Statistical Office

1. These figures reflect the late timing of the 1979 budget.

## 18.6 Index numbers of producer prices

1985=100

Monthly averages

Price index numbers of materials and fuel purchased <sup>1,2</sup>															
SIC 1980 Division Class or Group	Materials and fuel purchased by			Materials and fuel purchased by selected broad sectors of industry											
	Manufacturing industry (Seasonally adjusted)	Materials	Fuel	Manufacturing industry (Seasonally adjusted)	Manufacturing other than food, drink and tobacco	Food, drink and tobacco	Metal manufacturing	Extract- tion of minerals not else- where speci- fied	Non- metallic mineral pro- ducts	Chem- ical industry	Man- made fibres	Metal goods, engin- eering and vehicle indust- ries	Metal goods not else- where specified	Mech- anical engin- eering	
2 to 4	2 to 4	2 to 4 excl. 41/42	41/42	22	23	24	25	26	3	31	32				
1984	98.9	99.6	95.6	99.0	97.1	100.9	96.6	94.9	93.2	96.4	98.9	96.2	96.4	95.1	
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
1986	92.4	93.5	87.2	92.5	89.5	98.8	95.3	89.2	95.2	82.9	91.2	98.4	97.9	101.4	
1987	95.3	97.4	85.5	95.4	94.0	99.5	99.2	91.4	97.8	86.8	97.8	101.6	101.0	104.4	
1985	January	104.7	103.6	109.7	102.4	105.1	102.8	105.0	104.5	100.1	102.5	100.7	101.8	101.7	99.4
	February	106.1	104.9	111.8	103.7	107.3	102.9	106.4	106.4	101.5	105.4	102.2	102.7	102.9	100.3
	March	104.8	105.1	103.6	104.0	105.5	103.0	103.5	104.1	101.0	104.8	101.3	101.4	102.0	100.1
	April	102.6	103.5	98.5	102.7	102.2	102.8	101.3	100.6	99.9	102.4	100.1	100.7	101.0	100.1
	May	101.5	102.4	97.6	101.8	101.2	101.7	101.3	99.7	99.6	101.6	101.6	100.5	100.8	100.1
	June	100.0	100.8	96.1	101.0	99.7	100.3	99.6	98.4	99.5	100.4	100.7	99.9	100.0	100.0
	July	97.7	98.2	95.3	99.5	97.6	98.4	97.7	97.9	99.2	98.9	99.7	98.9	98.8	99.5
	August	96.8	97.3	94.4	98.6	97.0	97.2	97.8	96.9	99.1	97.6	99.3	98.8	98.6	99.7
	September	96.2	96.7	93.7	97.7	96.6	96.4	97.4	96.5	99.0	97.8	99.0	98.7	96.7	99.8
	October	95.3	95.7	93.4	96.5	94.8	97.0	95.2	95.9	98.7	95.7	97.7	98.0	97.8	99.7
	November	96.1	95.6	98.2	96.6	95.4	97.9	95.8	97.6	99.9	96.2	98.2	98.4	98.0	100.0
	December	97.9	95.9	107.2	96.3	97.2	99.4	98.7	101.1	102.1	96.0	99.2	99.7	99.1	100.8
1986	January	97.7	95.9	106.2	95.5	96.6	100.0	99.4	100.6	102.1	93.6	98.2	100.3	99.5	101.5
	February	96.7	95.6	101.9	94.5	94.7	100.4	98.9	97.6	100.4	89.1	97.8	100.2	99.9	101.7
	March	94.3	94.9	91.2	93.8	90.6	101.2	96.9	92.3	98.4	83.1	95.5	98.4	98.4	101.0
	April	92.3	93.5	86.6	92.6	88.3	100.3	95.4	89.2	95.0	81.3	93.4	97.8	97.8	101.0
	May	91.8	93.4	84.3	92.2	87.9	99.8	94.3	87.0	93.9	82.3	88.1	97.2	97.1	100.8
	June	89.8	91.7	80.6	90.8	86.0	98.0	93.5	85.1	92.7	79.4	86.9	96.8	96.5	100.7
	July	88.0	90.1	77.9	89.5	84.0	97.0	90.7	83.4	91.8	76.6	86.7	96.7	96.3	100.8
	August	88.8	91.3	77.3	90.5	85.5	96.8	91.8	83.2	91.6	79.0	86.8	96.9	96.5	100.9
	September	90.3	92.6	79.8	91.8	87.2	97.5	93.9	85.8	92.5	80.2	87.4	97.8	97.4	101.4
	October	91.3	93.8	79.4	92.3	88.8	97.3	95.0	86.0	92.8	81.7	89.7	98.3	97.8	101.7
	November	92.9	94.5	85.0	92.9	90.5	98.5	95.6	88.1	94.1	83.2	91.0	99.0	98.1	102.1
	December	95.4	95.3	95.6	93.1	93.8	99.3	98.6	92.4	97.3	85.4	92.9	100.8	99.5	103.0
1987	January	96.6	96.1	98.5	93.8	95.4	99.8	98.3	95.4	98.9	88.7	94.8	100.8	99.4	103.1
	February	95.1	96.3	89.3	93.9	93.1	99.8	97.3	92.2	97.2	86.7	94.9	99.8	98.9	103.0
	March	94.0	96.5	82.8	94.0	91.6	99.9	95.9	89.3	96.3	86.3	94.3	98.8	98.2	102.7
	April	94.1	96.6	82.4	94.5	91.7	100.1	95.7	89.8	96.7	86.6	97.3	99.4	98.4	103.1
	May	94.0	96.7	81.0	94.4	91.6	100.0	95.9	89.1	96.5	86.2	97.4	100.1	98.9	103.4
	June	94.9	97.8	81.2	96.0	93.0	100.0	98.0	89.7	97.1	87.3	98.7	100.6	99.8	103.9
	July	95.3	98.2	82.0	96.9	94.4	98.9	100.5	90.8	97.6	88.0	99.8	101.7	101.1	104.5
	August	95.5	98.2	82.8	97.1	95.3	98.0	102.4	91.9	98.5	87.4	99.6	102.7	102.4	105.0
	September	95.1	98.1	81.6	96.5	94.6	98.3	101.1	90.7	98.1	86.3	99.6	102.6	102.2	105.2
	October	95.6	98.7	81.2	96.5	95.1	98.7	101.1	90.6	96.1	86.4	98.5	103.3	103.5	105.7
	November	95.6	97.5	87.1	95.6	94.7	99.5	100.4	92.1	99.6	85.5	98.9	103.7	103.8	106.0
	December	97.9	98.2	96.4	95.6	97.2	100.9	103.8	95.1	101.5	86.0	100.2	105.9	106.0	107.1
1988	January	98.1	98.5	96.0	95.2	98.1	100.3	105.3	95.4	101.8	86.8	100.8	107.1	107.1	108.4
	February	98.6	99.4	84.7	95.6	96.6	99.5	104.5	90.7	99.4	85.8	99.7	106.3	107.3	108.5
	March	95.7	99.3	79.2	95.7	95.4	99.2	104.6	88.3	99.0	83.7	98.7	106.4	107.5	108.6
	April	96.3	99.6	81.6	96.8	96.1	99.7	104.6	89.8	99.7	84.8	99.3	107.2	107.9	109.5
	May	97.7	101.1	82.1	98.2	97.6	100.7	109.4	91.0	100.4	85.6	99.2	108.5	110.0	110.8
	June <sup>#</sup>	99.5	103.5	81.5	100.8	99.9	101.2	116.6	90.9	100.8	86.2	98.7	110.9	113.2	111.9
	July <sup>#</sup>	99.4	103.4	81.0	100.9	98.8	102.8	111.4	91.0	100.8	86.0	99.6	110.2	111.8	111.9
	August <sup>#</sup>	99.2	103.1	81.3	100.9	99.0	102.1	112.4	91.6	101.4	85.7	99.9	110.6	112.3	112.4

1. Index numbers constructed on a net sector basis, i.e. transactions within sector are excluded.  
 2. Index numbers are compiled exclusive of VAT. Revenue duties (on cigarettes, tobacco, alcoholic liquor) are included, as is the duty on hydrocarbon oils.

Source: Business Statistics Office

## Prices and wages

# 18.6 Index numbers of producer prices

continued 1985 = 100

Monthly averages

### Price index numbers of materials and fuel purchased<sup>1,2</sup>

#### Materials and fuel purchased by selected broad sectors of industry

SIC 1980	411 to 423												43	45	46	47	48	49	5	part of 5
	34	35	36	37																
1984	96.2	95.2	95.3	96.1	101.9	102.2	95.8	95.3	94.8	94.7	95.6	97.8	98.9	94.5	94.3					
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
1986	99.4	102.3	101.6	101.7	99.1	98.9	84.4	97.4	100.0	99.6	100.1	98.2	98.5	103.6	103.8					
1987	104.1	106.8	105.1	105.8	99.5	100.4	83.3	103.2	104.5	105.5	108.1	104.8	104.9	109.3	110.1					
1985 January	100.5	98.9	99.1	99.5	103.6	103.2	109.9	103.2	100.7	100.5	101.7	99.7	102.4	97.6	97.6					
February	101.7	99.8	99.9	99.9	103.6	103.2	111.9	104.7	101.4	101.6	102.6	100.3	104.0	98.1	98.1					
March	101.0	99.7	99.9	99.8	103.6	103.5	104.9	102.4	101.5	101.6	102.6	100.0	102.9	98.6	98.7					
April	100.7	99.8	100.0	100.0	103.3	103.5	99.4	100.2	100.9	101.3	100.8	100.0	101.8	99.4	99.5					
May	100.7	99.8	100.0	99.9	101.4	101.6	98.3	99.0	100.8	100.8	100.3	100.7	101.3	100.1	100.1					
June	100.1	99.8	100.0	99.9	99.9	100.0	96.5	98.8	100.2	100.4	100.1	100.9	100.0	100.3	100.2					
July	99.2	99.6	99.7	99.7	98.1	98.2	95.5	97.4	99.9	99.9	98.8	100.5	98.1	101.0	100.9					
August	99.2	100.0	99.8	99.8	96.7	96.8	94.1	99.0	99.2	99.0	98.8	100.2	98.4	100.8	100.8					
September	99.0	100.0	99.8	99.8	96.0	96.1	93.6	98.8	98.8	98.7	98.4	99.7	98.2	100.8	100.8					
October	98.6	100.1	99.8	100.0	96.8	97.0	93.0	98.9	98.8	98.5	97.7	99.1	97.6	100.9	100.9					
November	98.8	100.5	100.4	100.3	97.7	97.7	97.1	98.2	98.7	98.5	98.2	98.9	97.4	101.0	101.0					
December	99.8	101.4	101.2	100.8	99.3	99.0	105.1	99.1	98.7	98.7	99.5	97.7	101.2							
1986 January	100.4	102.2	102.0	101.5	99.8	99.6	103.9	99.1	98.9	98.9	99.4	100.5	99.1	101.8	101.9					
February	100.5	102.3	102.1	101.7	100.6	100.7	99.4	99.7	99.5	99.2	99.4	101.2	99.1	102.2	102.3					
March	99.3	101.8	101.4	101.3	101.4	102.1	89.1	98.5	99.1	98.3	98.3	99.6	98.1	102.8	102.8					
April	98.7	101.9	101.4	101.2	100.7	101.6	84.3	97.7	99.3	98.2	98.6	97.7	96.9	103.3	103.4					
May	98.2	101.8	101.3	101.1	100.3	101.3	81.5	86.9	99.5	98.4	99.1	95.7	96.2	103.4	103.5					
June	98.3	101.6	101.0	101.1	98.3	99.4	77.8	95.5	99.6	98.4	98.7	95.9	96.5	103.5	103.6					
July	97.6	101.7	100.9	101.1	97.3	98.5	74.7	94.6	99.5	98.6	98.7	96.0	96.3	103.7	103.9					
August	98.2	101.9	101.0	101.3	97.1	98.3	74.1	94.4	100.1	99.0	98.9	96.3	97.7	103.8	104.1					
September	99.4	102.4	101.4	101.9	97.7	98.8	77.4	95.8	100.3	99.9	99.5	96.9	100.0	104.3	104.7					
October	99.9	102.6	101.7	102.3	97.4	98.4	77.2	96.9	100.9	100.6	102.1	98.3	100.9	104.6	105.0					
November	100.3	103.1	102.2	102.6	98.7	99.6	82.1	98.6	101.6	101.9	103.5	99.0	100.8	104.7	105.1					
December	101.6	104.2	103.1	103.4	99.5	100.0	91.6	100.6	102.1	103.6	105.4	101.0	101.0	105.2	105.5					
1987 January	102.1	105.7	104.0	103.8	98.9	100.2	94.8	101.9	103.4	104.9	107.3	102.7	101.7	105.6	106.2					
February	101.5	105.5	103.8	104.0	99.9	100.5	86.8	101.1	103.5	104.5	106.6	102.5	101.4	106.8	107.6					
March	101.0	105.2	103.5	104.0	100.2	101.2	80.8	100.7	103.5	104.3	106.2	101.9	101.1	107.5	108.3					
April	101.9	105.5	104.0	104.6	100.1	101.2	80.8	102.1	103.7	104.4	106.2	102.9	103.5	108.1	108.8					
May	102.7	105.9	104.3	105.0	100.1	101.2	79.3	101.7	103.8	104.5	106.1	103.1	104.8	108.5	109.3					
June	103.3	106.2	104.5	105.4	100.1	101.2	79.6	102.2	103.9	104.9	108.1	103.7	104.5	108.8	109.6					
July	104.4	106.7	105.0	105.8	99.0	100.0	80.5	103.0	104.2	105.4	108.7	104.8	105.7	109.8	110.7					
August	105.5	107.5	106.5	106.5	97.8	98.6	81.5	104.4	105.4	105.9	108.7	105.7	107.4	110.4	111.4					
September	105.3	107.7	105.7	106.9	98.1	99.1	79.9	105.2	105.7	106.3	108.7	106.5	106.9	110.7	111.6					
October	106.3	108.0	106.2	107.5	98.7	99.7	79.3	105.9	105.9	106.6	109.2	107.0	107.6	111.1	112.0					
November	106.8	108.4	106.7	107.8	99.5	100.3	84.1	104.9	105.6	106.8	109.8	107.7	106.4	111.6	112.5					
December	108.9	109.4	107.9	108.6	101.0	101.5	92.2	105.7	105.9	107.6	111.1	109.0	107.9	112.2	113.1					
1988 January	110.0	110.6	109.1	109.8	100.3	100.7	91.7	106.1	106.4	108.1	113.2	110.0	108.2	112.7	113.6					
February	109.2	110.6	109.2	110.0	99.5	100.4	81.3	106.0	106.4	107.8	112.5	109.4	106.9	112.5	113.3					
March	109.5	110.8	110.1	110.4	99.4	100.6	76.3	105.6	106.3	107.8	111.8	108.8	106.6	113.2	114.0					
April	110.0	111.5	111.2	111.0	100.0	101.1	78.8	106.4	107.0	108.2	112.3	109.9	106.4	114.0	114.8					
May	111.9	112.3	111.8	112.1	100.8	101.9	79.6	106.5	106.9	108.5	112.3	111.2	107.9	114.2	114.9					
June <sup>#</sup>	114.8	113.2	112.4	113.2	101.5	102.7	79.1	106.8	106.8	108.9	112.7	111.8	110.6	114.8	115.5					
July <sup>#</sup>	113.2	113.0	112.4	112.9	103.0	104.3	78.5	107.6	107.0	109.3	113.4	112.0	110.3	115.6	116.5					
August <sup>#</sup>	113.5	113.7	112.8	113.3	102.1	103.3	78.9	107.8	107.1	109.5	113.5	112.1	110.0	116.3	117.2					

1. Index numbers constructed on a net sector basis, i.e. transactions within sector are excluded.

2. Index numbers are compiled exclusive of VAT. Revenue duties (on cigarettes, tobacco, alcoholic liquor) are included, as is duty on hydrocarbon oils.

Source: Business Statistics Office

## 18.6

## Index numbers of producer prices

continued

1985=100

Monthly averages

Price index numbers of output <sup>1, 2</sup>											
Home sales	Output of manufactured products	Products of manufacturing industries	Products of food, drink and tobacco manufacturing industries	Products of metal and tobacco manufacturing industries	Extraction of minerals n.e.s.	Non-metallic mineral products	Chemical industry	Man-made fibres	Metal goods engineering and vehicles industries	Metal goods n.e.s.	Mechanical engineering
<i>SIC 1980</i>											
<i>Division</i>											
<i>Class or Group</i>	2 to 4	2 to 4 excluding 41/42	41/42	22	23	24	25	26	3	31	32
1984	95.0	94.6	95.7	95.0	94.1	94.0	95.3	96.6	95.0	94.4	95.0
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	104.3	104.1	104.4	98.7	105.8	103.4	101.7	104.7	104.2	103.9	104.4
1987	108.3	108.6	107.5	101.3	109.8	108.9	105.8	105.7	108.6	107.9	109.0
1985	January	97.6	97.6	97.7	99.7	95.9	96.8	97.8	98.3	97.4	97.4
	February	98.1	98.2	98.0	100.7	97.0	97.4	98.0	97.5	98.0	98.0
	March	98.8	98.9	98.6	100.6	97.7	98.5	98.7	97.6	98.8	98.5
	April	99.7	99.5	100.2	101.3	99.6	99.2	99.4	97.6	99.5	99.5
	May	100.0	99.7	100.4	101.4	99.2	99.8	100.2	99.2	99.8	99.7
	June	100.1	99.9	100.4	100.8	101.3	100.4	99.7	98.2	99.9	100.1
	July	100.3	100.3	100.4	100.0	101.0	100.8	100.3	101.3	100.3	100.3
	August	100.4	100.6	100.2	99.6	101.9	100.9	100.3	100.9	100.6	100.9
	September	100.7	100.9	100.3	99.6	101.5	101.3	100.7	102.2	101.0	100.7
	October	101.0	101.1	100.8	98.8	101.2	101.4	101.1	102.0	101.3	101.2
	November	101.4	101.4	101.4	98.7	101.8	101.6	101.2	102.9	101.5	101.4
	December	101.7	101.7	101.6	98.7	101.9	101.8	101.2	102.3	101.7	102.0
1986	January	102.4	102.6	102.0	98.7	102.3	102.2	102.2	103.8	102.7	102.3
	February	102.8	103.1	102.3	99.3	103.0	102.6	102.7	103.1	103.1	102.5
	March	103.3	103.2	103.2	98.3	104.8	102.6	102.5	104.1	103.3	103.4
	April	104.0	103.6	104.5	98.5	106.4	103.3	102.2	104.3	103.8	104.1
	May	104.2	103.7	104.8	98.4	106.2	103.4	101.2	104.5	103.8	104.2
	June	104.3	103.9	104.7	98.0	106.8	103.2	101.6	105.1	104.1	104.4
	July	104.4	104.2	104.8	98.2	106.4	103.5	101.3	104.8	104.3	104.1
	August	104.6	104.4	104.8	98.3	106.3	103.4	100.7	105.2	104.7	105.0
	September	104.9	104.8	105.0	98.6	106.8	103.6	100.9	105.6	105.1	104.7
	October	105.1	105.0	105.2	99.1	107.0	103.5	101.4	104.9	105.1	105.3
	November	105.5	105.2	105.9	99.1	106.5	104.1	101.7	105.4	105.3	105.1
	December	105.8	105.4	106.1	99.6	107.1	105.0	101.7	105.4	105.6	105.6
1987	January	106.6	106.4	106.6	99.1	106.7	106.8	102.6	105.9	106.8	106.2
	February	106.9	107.0	106.6	99.0	106.8	106.6	103.5	104.7	107.2	106.5
	March	107.2	107.3	106.8	99.2	109.1	107.0	104.0	104.3	107.4	106.8
	April	107.7	107.9	107.1	99.8	110.0	107.8	104.9	105.2	107.9	107.2
	May	108.1	108.3	107.3	100.5	110.1	108.5	105.2	105.1	108.3	107.4
	June	108.2	108.6	107.3	100.5	111.0	108.9	105.8	104.9	108.5	107.7
	July	108.4	108.9	107.2	101.4	110.1	109.4	106.3	106.1	108.7	108.0
	August	108.6	109.2	107.2	102.2	110.8	110.0	106.6	105.9	109.0	108.4
	September	108.9	109.5	107.4	102.0	110.6	110.2	107.3	106.2	109.3	108.6
	October	109.6	109.9	108.6	102.7	110.8	110.3	107.5	106.3	109.8	109.0
	November	109.8	110.2	108.6	104.0	111.5	110.4	107.8	106.9	110.0	109.2
	December	110.0	110.5	109.0	105.4	110.7	110.5	108.0	107.3	110.3	109.3
1988	January	110.6	111.5	108.7	105.9	111.9	111.2	109.4	108.0	111.3	110.5
	February	111.0	112.0	108.8	105.2	111.7	112.0	110.2	107.7	111.7	111.3
	March	111.4	112.3	109.5	105.3	114.0	112.6	110.4	107.9	112.0	111.7
	April	112.2	112.9	110.7	106.4	113.9	113.8	110.6	107.5	112.4	112.6
	May	112.6	113.4	110.8	107.0	115.9	114.0	110.8	107.8	113.2	113.5
	June	113.0	113.7	111.2	108.5	116.7	114.4	110.9	107.3	113.6	114.0
	July <sup>8</sup>	113.5	114.2	111.8	108.8	115.9	114.9	111.6	105.5	114.0	114.3
	August <sup>8</sup>	113.9	114.6	112.1	108.6	117.0	116.1	111.9	107.8	114.4	115.7

For footnotes 1 and 2 see page 114, and for 3 to 5 see page 118.

Source: Business Statistics Office

## Prices and wages

# 18.6 Index numbers of producer prices

continued

1985=100

Monthly averages

Home sales	Price index numbers of output <sup>1,2</sup>										Construction output <sup>3</sup>	Index numbers of the average price of new dwellings on which building society mortgages were approved <sup>4,5</sup>
	Electrical and vehicles electronic and engineering parts	Motor engineering	Instrument engineering	Food manufacturing industries	Textile industry	Footwear and clothing industries	Timber furniture industries	Paper and paper printing	Process rubber and plastics publishing	Other manufacturing industries		
SIC 1980	34	35	37	411 to 423	43	45	46	47	48	49		
1984	95.5	93.3	95.8	96.7	94.6	95.2	94.4	90.6	95.4	93.4	95	91.6
1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1986	104.2	106.5	105.0	102.8	104.5	104.7	104.1	103.7	104.4	105.7	105	117.1
1987	108.2	114.3	109.3	105.5	109.4	108.3	110.6	109.3	108.7	111.5	112	137.3
1985 January	97.6	96.1	98.8	98.8	98.2	98.4	97.3	97.9	98.3	96.9		95.1
February	98.1	97.4	98.9	98.7	98.7	98.8	97.4	99.0	98.6	97.2	97	95.9
March	99.0	98.7	98.9	99.0	98.9	99.1	98.8	99.5	98.7	97.5		95.7
April	99.7	99.3	99.4	100.2	99.0	99.1	99.8	99.5	99.2	100.4		98.8
May	100.0	99.3	99.4	100.4	99.3	99.3	99.7	99.8	99.3	100.6	99	97.1
June	100.1	99.4	99.4	100.4	99.5	99.5	100.0	100.2	99.7	100.3		98.0
July	100.3	99.8	99.9	100.3	100.6	100.5	101.0	100.2	100.1	100.7		97.6
August	100.4	100.5	100.5	100.0	101.0	100.7	100.4	100.3	100.8	101.3	101	102.2
September	100.6	102.1	100.5	99.9	101.2	100.8	101.0	100.5	100.9	101.3		102.7
October	100.9	102.3	101.3	100.1	101.2	100.8	101.3	100.7	101.1	101.4		105.0
November	101.5	102.5	101.4	100.9	101.1	101.2	101.5	101.0	101.1	101.3	103	105.8
December	101.5	102.6	101.4	101.2	101.2	101.8	101.7	101.2	102.1	101.1		106.7
1986 January	102.9	103.6	103.5	101.7	102.6	103.1	102.2	102.2	103.1	102.2		107.4
February	103.1	104.6	103.7	101.8	103.3	103.2	102.6	102.6	103.5	103.6	104	107.4
March	103.3	105.4	103.9	102.3	103.9	103.4	102.8	102.7	103.6	103.7		110.3
April	104.1	105.6	104.1	102.7	104.1	103.6	102.9	102.9	103.8	103.9		114.3
May	104.0	105.6	104.3	103.1	104.3	103.9	103.0	103.2	104.2	105.4	104	115.6
June	104.2	105.6	104.4	103.0	104.7	104.3	103.0	103.8	104.4	105.5		119.5
July	104.3	105.8	105.4	102.9	104.8	105.3	103.4	104.1	104.6	106.1		120.2
August	104.5	107.0	105.7	102.9	104.8	105.5	104.4	104.2	104.8	106.7	105	120.8
September	104.8	108.3	105.8	103.0	105.0	105.6	105.5	104.4	105.1	107.5		121.3
October	104.8	108.8	106.2	102.8	105.2	105.9	106.1	104.6	105.1	108.1		121.9
November	104.8	109.0	106.2	103.6	105.5	106.0	106.5	104.9	105.3	107.8	106	122.4
December	105.2	109.1	106.3	104.0	105.9	106.1	106.6	105.2	105.5	107.6		123.8
1987 January	106.9	111.1	107.9	104.7	107.0	106.8	107.7	106.8	106.3	109.2		124.7
February	107.2	111.8	108.4	104.5	107.7	107.1	108.7	107.4	107.0	109.9	108	127.0
March	107.7	112.0	108.6	104.7	108.0	107.4	108.9	107.7	107.4	108.9		129.0
April	107.9	112.4	108.9	105.2	108.4	107.5	110.4	108.6	107.9	110.2		131.5
May	107.9	114.0	109.0	105.5	108.9	107.7	110.4	109.0	108.4	110.7	110	134.0
June	107.7	114.4	109.0	105.4	109.1	107.9	110.9	109.5	108.5	111.0		133.5
July	107.9	114.3	109.6	105.3	109.7	108.7	111.2	109.5	108.7	112.4		138.8
August	108.2	114.6	109.6	105.1	110.3	108.9	111.5	109.7	109.3	113.0	113	141.7
September	108.4	116.2	109.7	105.1	110.8	109.1	111.6	110.3	109.7	113.1		141.1
October	110.2	116.7	110.0	106.5	111.0	109.3	111.8	110.9	110.1	113.2		146.3
November	109.4	116.8	110.1	106.6	111.2	109.6	112.2	110.8	110.8	112.9	116	148.0
December	109.5	117.3	110.3	107.1	111.3	109.8	112.4	111.1	110.0	112.8		152.2
1988 January	110.3	119.2	111.6	106.6	113.4	111.5	113.2	111.8	112.3	114.5		152.5
February	110.6	119.9	112.2	106.6	113.8	111.7	113.5	112.1	113.0	115.5	119	158.3
March	110.9	120.1	112.3	107.2	114.1	112.1	113.9	112.2	113.5	115.3		170.7
April	111.3	120.1	113.6	108.4	114.4	112.6	114.8	113.0	113.8	115.0		167.0
May <sup>a</sup>	111.5	121.2	113.8	108.6	114.5	113.1	115.0	113.3	114.2	115.0	122	169.0
June <sup>a</sup>	111.7	122.1	114.3	109.0	114.6	113.2	115.7	113.4	114.4	115.3		173.1
July <sup>b</sup>	112.0	123.2	114.4	110.0	116.0	114.0	116.6	113.5	114.5	115.5		178.4
August <sup>b</sup>	112.3	124.0	115.5	110.4	116.3	113.9	117.1	113.7	115.2	116.3		

For footnotes 1 and 2 see page 115.

3. A base weighted (1985=100) combination of the separate price indices for contractors' output in the five new work sectors.

4. The index covers only dwellings on which building societies have approved mortgages during the period. The cost of land is included.

5. Figures are based on a monthly return covering 87 per cent of building society mortgages.

Sources: Business Statistics Office  
Department of the Environment

## 18.7

Average weekly earnings of manual employees<sup>1</sup>

At October

£

Manufacturing and certain other industries SIC 1980	Manual employees on adult rates				Manual employees on other rates	
	Full-time			Female	Full-time	
	All	Male	Female		Male	Female
1983	138.74	148.63	91.26	47.62	78.39	58.16
1984	146.69	159.30	97.34	50.91	80.33	61.27
1985	160.39	..	..	..	..	..
1986	171.02	..	..	..	..	..
1987	184.10	..	..	..	..	..
Manufacturing industries SIC 1980						
1983	132.98	146.19	90.32	48.23	77.25	58.07
1984	143.09	157.50	96.30	51.54	80.38	61.17
1985	155.04	170.58	103.21	54.91	84.73	64.39
1986	164.74	182.25	110.48	59.04	88.68	70.59
1987	178.54	197.92	118.79	63.46	94.86	75.06

1. The figures represent the average earnings including bonus, overtime, etc., and before deduction of income tax or insurance contributions, in one week in the month indicated. Administrative and clerical workers and other salaried persons have been excluded.

2. Workers ordinarily employed for not more than 30 hours per week are classified as part-time.

Source: Department of Employment

## 18.8

Average weekly hours of manual employees<sup>1</sup>

At October

Manufacturing and certain other industries SIC 1980	Manual employees on adult rates				Manual employees on other rates	
	Full-time			Female	Full-time	
	All	Male	Female		Male	Female
1983	42.4	43.3	38.2	21.6	39.8	38.2
1984	42.5	43.4	38.2	21.5	39.8	37.9
1985	42.8	..	..	..	..	..
1986	42.7	..	..	..	..	..
1987	43.1	..	..	..	..	..
Manufacturing industries SIC 1980						
1983	41.5	42.5	38.1	21.9	39.5	38.2
1984	41.7	42.8	38.1	21.7	39.5	37.9
1985	41.8	43.0	38.1	21.7	39.7	37.9
1986	41.6	42.7	38.1	21.9	39.4	37.9
1987	42.2	43.5	38.4	22.0	39.7	38.0

1. The figures include overtime and correspond with those for average earnings in Table 18.7.

2. Workers ordinarily employed for not more than 30 hours per week are classified as part-time.

Source: Department of Employment

Prices and wages

18.9 Average weekly earnings of manual employees in certain industries<sup>1</sup>

At October

£

SIC 1980 Class	Metal processing and manu- facturing (21-22)	Mineral extraction and manu- facturing (23-24)	Chemicals and man- made fibres (25-26)	Mechanical engineering (32)	Electrical and electronic engineering etc. (33-34)	Motor vehicles and parts (35)	Other transport equipment (36)	Metal goods and instrument engineering (31,37)	Food, drink and tobacco (41,42)
<b>All full-time on adult rates</b>									
1983	154.05	145.59	149.79	136.85	122.74	144.12	144.76	128.18	134.32
1984	166.50	155.58	161.37	149.78	129.34	156.22	156.85	137.66	146.47
1985	177.90	165.23	174.30	165.16	142.68	167.87	172.71	145.58	156.17
1986	195.68	175.69	187.43	173.36	148.97	181.07	183.24	157.31	168.55
1987	216.75	189.58	201.11	189.24	159.36	206.97	195.23	172.10	178.69
<b>Full-time males on adult rates</b>									
1983	156.30	152.57	162.13	139.45	137.78	146.96	146.82	137.93	148.17
1984	168.84	162.96	173.63	152.37	145.73	159.01	150.05	148.45	161.86
1985	180.15	172.96	187.19	167.86	160.26	170.94	174.76	156.56	173.18
1986	198.21	184.98	201.37	176.15	167.36	184.09	186.36	168.16	186.47
1987	219.89	198.94	215.84	192.92	179.27	210.58	197.89	184.19	197.82
<b>Full-time females on adult rates</b>									
1983	92.82	92.40	101.21	97.96	97.18	109.56	101.72	94.00	99.58
1984	103.02	99.79	110.09	106.16	102.51	117.14	110.70	99.41	106.35
1985	111.45	106.43	118.44	118.10	109.74	126.59	126.63	105.55	114.20
1986	113.84	112.92	130.58	125.38	117.27	140.86	127.86	115.19	123.21
1987	124.44	121.14	137.88	131.67	127.08	155.14	138.76	123.99	130.64

£

SIC 1980 Class	Textiles (43)	Leather, footwear and clothing (44-45)	Timber and wooden furniture (46)	Paper products, printing and publishing (47)	Rubber, plastics and other manufacturing (48-49)	Electricity, gas,other energy and water supply (15-17)	Construction (50)	Transport and communication <sup>2</sup> (71-72, (75-77,79)
<b>All full-time on adult rates</b>								
1983	102.01	82.96	129.37	170.39	127.29	168.43	139.80	160.58
1984	108.56	88.13	136.00	182.49	136.87	179.22	147.59	171.39
1985	118.15	95.10	149.83	198.21	145.72	192.62	160.11	181.06
1986	124.66	99.31	159.09	215.74	161.91	208.03	170.99	193.47
1987	135.89	106.78	170.20	233.61	171.85	221.48	180.30	206.73
<b>Full-time males on adult rates</b>								
1983	120.66	113.94	133.35	184.22	140.51	169.13	139.99	162.43
1984	128.59	119.69	139.92	198.43	151.41	179.77	147.80	173.32
1985	140.50	129.72	154.00	214.42	162.57	193.34	160.37	..
1986	148.48	134.81	163.40	235.17	177.70	208.70	171.25	..
1987	162.93	142.55	174.76	253.77	190.88	222.22	180.62	..
<b>Full-time females on adult rates</b>								
1983	77.56	73.60	97.36	112.07	87.52	112.46	77.98	118.08
1984	82.97	78.58	102.63	119.71	92.48	126.00	87.82	126.69
1985	89.52	85.22	113.18	129.16	98.23	124.17	95.86	..
1986	94.47	89.55	121.09	139.81	107.39	157.49	98.55	..
1987	102.13	96.51	128.43	152.00	113.63	163.79	104.68	..

1. The figures represent the average earnings including bonus, overtime, etc., and before deduction of income tax or insurance contributions, in one week in the month indicated. Administrative and clerical workers and other salaried persons have been excluded.

Source: Department of Employment

2. Excluding sea transport.

## 18.10

## Average earnings index: all employees: by industry

## Great Britain

## Classified according to the Standard Industrial Classification 1980

Jan 1980=100

SIC 1980 Class	Whole econ- omy	Agricul- ture and forestry	Coal and coke	Mineral oil and natural gas	Electric- ity, gas, other energy and water supply	Metal process- ing and manu- facturing	Mineral extract- cals and man- made manu- facturing	Chem- ical man- made fibres	Mech- anical engin- eering	Electri- cal and elec- tronic engin- eering	Motor vehicles and parts	Other trans- port equip- ment	Metal goods and instru- ments	Food, drink and tobacco
	(01-02)	(11-12)	(14)	(15-17)	(21-22)	(23-24)	(25-26)	(32)	(33-34)	(35)	(36)	(31,37)	(41-42)	
1980	111.4	117.7	106.1	104.4	116.2	2	109.1	109.8	106.9	109.0	100.5	111.4	103.7	109.0
1981	125.8	131.8	118.6	119.8	133.5	125.0	121.6	124.8	117.3	123.4	111.4	124.0	116.8	123.9
1982	137.6	144.2	131.1	135.8	147.8	137.3	136.8	138.9	130.6	139.2	125.3	137.3	129.3	136.7
1983	149.2	157.5	134.7	147.8	159.2	150.7	148.5	152.0	142.3	152.9	138.6	143.2	140.3	149.6
1984	158.3	169.6	67.7	162.5	170.4	167.1	159.5	164.9	156.1	167.1	149.0	157.4	151.9	160.9
1985	171.7	184.4	135.3	178.6	182.7	181.6	172.4	179.1	172.3	182.3	168.9	170.9	164.1	174.9
1986	185.3	194.6	166.8	195.6	195.4	193.4	185.7	193.2	184.3	196.9	183.6	184.4	176.2	190.1
1987	199.8	206.9	179.1	214.4	210.1	211.6	201.5	209.4	197.6	214.4	199.2	197.7	190.3	204.5
1984 July	159.6	177.4	51.3	167.2	175.8	181.6	160.0	164.2	158.8	169.6	152.2	153.7	153.0	162.4
August	159.2	186.1	51.0	162.1	172.3	164.6	158.6	171.3	155.3	166.2	147.0	152.6	150.6	159.4
September	159.9	188.6	57.5	163.9	174.0	163.7	164.2	164.8	156.5	168.3	151.3	153.0	162.8	
October	164.2	181.3	57.6	162.7	177.0	176.1	162.6	166.0	161.2	170.7	147.7	174.1	154.7	164.2
November	162.8	168.2	67.1	164.3	176.6	164.4	165.2	179.0	162.7	172.9	153.1	161.7	157.3	169.5
December	165.3	163.5	68.5	165.7	170.7	170.9	167.4	179.5	163.9	176.8	151.4	163.8	157.6	171.6
1985 January	163.4	163.9	74.0	170.5	174.9	177.5	163.0	170.8	164.2	173.8	171.0	161.8	156.7	167.5
February	164.6	170.3	78.2	173.1	175.9	169.7	165.5	170.4	165.5	175.6	162.3	164.6	158.7	170.0
March	168.1	170.4	122.5	173.6	175.9	175.8	168.5	173.1	169.1	181.4	167.8	168.5	161.9	167.9
April	169.4	175.4	137.9	173.5	173.8	188.0	170.0	173.8	168.9	185.3	167.2	168.1	161.6	171.9
May	169.4	173.6	139.5	178.3	175.9	174.9	170.4	174.6	170.6	181.2	168.7	167.0	164.5	173.5
June	171.9	188.2	148.0	177.1	182.5	175.7	175.2	178.8	173.4	183.1	168.3	183.3	164.5	176.5
July	173.7	193.6	149.5	178.5	193.2	198.8	173.0	181.6	174.7	183.5	172.8	172.1	164.8	176.4
August	173.4	203.1	150.7	177.2	184.8	176.7	172.1	180.8	171.7	181.0	166.8	167.8	163.1	173.0
September	176.1	206.3	152.9	183.7	194.5	196.5	176.5	179.8	174.4	182.7	165.6	170.8	165.5	175.8
October	173.9	200.5	153.6	181.7	187.1	176.7	175.6	180.4	175.5	184.5	167.2	174.4	166.5	177.0
November	176.8	182.9	159.3	185.5	188.4	177.1	176.6	195.3	180.1	186.3	175.6	173.3	171.6	182.6
December	180.0	184.5	157.8	190.0	184.9	192.0	182.0	190.1	179.7	189.6	173.2	178.6	169.7	186.7
1986 January	176.9	179.5	172.0	185.1	185.4	188.3	176.3	183.4	177.7	189.5	172.5	179.7	169.7	185.0
February	177.9	177.9	166.4	187.3	189.7	179.9	177.0	184.2	180.8	189.7	176.5	178.2	170.6	183.3
March	182.4	179.4	170.1	188.2	189.3	184.5	178.8	186.2	182.5	192.7	185.9	181.1	173.8	183.0
April	184.0	183.2	164.7	188.1	188.5	202.6	182.5	186.1	184.1	199.5	178.0	179.8	172.1	187.3
May	182.3	186.0	159.6	199.7	191.1	185.9	183.3	189.4	182.3	193.6	182.2	178.6	175.8	188.7
June	185.7	193.2	159.4	195.4	191.5	191.5	192.8	184.1	199.7	190.6	184.7	176.2	192.9	
July	187.9	197.3	160.7	194.8	204.7	205.6	186.6	192.3	187.1	196.9	184.4	182.1	176.9	189.9
August	187.2	213.4	161.7	194.2	207.2	189.8	185.5	192.4	183.0	195.8	182.6	188.8	176.2	186.6
September	186.8	218.0	168.8	197.3	198.1	189.7	190.5	193.1	183.9	196.6	183.2	183.9	177.4	191.1
October	188.3	213.7	171.0	194.5	199.2	207.9	188.7	196.6	185.6	199.9	183.2	186.1	178.2	191.0
November	191.2	198.0	172.6	219.3	199.6	190.9	191.0	211.6	189.0	202.2	189.7	194.9	184.7	199.9
December	193.4	195.7	174.2	203.1	199.1	203.9	197.2	210.6	191.4	207.2	194.6	194.5	182.5	202.1
1987 January	190.4	188.9	174.6	203.7	207.8	205.4	190.2	198.4	189.1	204.0	189.8	193.2	181.1	201.5
February	191.2	188.3	175.7	203.7	203.2	196.2	192.6	200.7	192.0	204.6	194.7	193.4	184.6	195.3
March	194.5	189.5	178.5	205.3	202.3	196.9	195.5	198.9	193.4	208.6	196.6	201.7	185.5	195.9
April	196.0	199.1	185.1	209.9	201.4	220.2	195.8	203.7	192.0	213.5	194.7	191.6	184.9	202.5
May	198.1	196.7	172.7	220.2	203.0	205.8	196.5	205.8	193.6	210.9	198.3	191.6	187.1	206.8
June	200.0	206.0	178.0	214.0	202.8	204.8	205.4	208.8	198.6	217.5	208.6	197.0	191.4	204.7
July	203.1	210.2	177.0	223.1	211.9	234.4	205.0	212.9	200.7	216.7	201.8	196.3	192.1	205.1
August	201.6	218.0	178.6	212.5	226.4	201.4	201.2	209.6	198.8	214.7	197.4	195.6	190.9	203.2
September	201.4	229.0	177.9	209.3	216.1	208.2	206.2	205.2	199.4	216.6	199.8	197.9	193.7	207.0
October	203.4	225.5	181.8	210.9	215.4	236.0	203.8	210.3	201.0	218.1	201.8	197.9	194.4	205.7
November	207.3	222.5	183.5	238.4	218.8	207.9	206.7	229.0	205.1	220.9	202.8	202.3	200.9	210.7
December	210.3	209.3	185.3	221.6	212.3	221.8	218.9	229.6	207.3	226.8	204.1	214.3	197.5	216.5
1988 January	206.9	195.7	188.5	226.9	212.0	229.2	207.9	217.3	207.1	227.1	202.6	203.0	198.0	211.9
February	206.7	193.6	171.9	224.7	211.2	210.2	209.1	215.4	209.2	229.2	173.2	203.3	202.1	211.9
March	213.1	189.2	194.2	226.6	211.9	213.5	213.0	215.9	214.7	229.9	224.4	204.9	201.4	211.9
April	213.6	207.2	208.9	231.5	219.6	247.9	213.6	224.0	211.7	234.2	214.7	203.2	203.9	218.3
May	213.2	206.7	197.5	247.9	225.6	218.1	217.8	224.1	214.2	230.7	219.4	203.3	206.2	221.4
June <sup>a</sup>	216.6	..	195.9	232.9	223.7	225.3	220.8	227.7	213.5	236.3	231.8	192.1	207.6	225.1

1. England and Wales only.

2. Because of a dispute in the steel industry, insufficient information is available to enable a reliable index for 'metal processing and manufacturing' to be calculated, but the best possible estimates have been used in the compilation of the indices for manufacturing and whole economy. The index series for this group has a base of April 1980=100.

Source: Department of Employment

Prices and wages

18.10

Average earnings index: all employees: by industry

continued Great Britain

Classified according to the Standard Industrial Classification 1960

Jan 1980 = 100

SIC 1980 Class	Textiles	Leather footwear and clothing	Timber and wooden furniture	Paper products, printing and publishing	Rubber, Con- plastics and other	Distribu- tion and repairs	Hotels and catering	Transport and communi- cation <sup>1</sup>	Banking and finance	Public adminis- tration	Education	Other and health services	
	(43)	(44-45)	(46)	(47)	(48-49)	(50)	(61-65)	(66)	(71-72, 75-77,79)	(84pt.)	(91-92pt.)	(93,95)	(97pt.- 98pt.)
1980	107.3	107.6	105.9	110.4	107.6	111.5	107.2	108.0	108.4	112.7	114.2	123.8	113.3
1981	120.2	121.4	115.2	128.2	121.1	125.8	120.3	120.5	120.6	128.9	129.6	140.8	128.0
1982	131.8	134.1	126.9	142.8	134.0	137.6	132.6	127.6	132.2	144.6	140.0	147.9	143.7
1983	143.5	145.2	139.9	156.6	144.0	148.0	143.6	137.9	144.3	157.5	149.5	163.6	156.0
1984	154.4	155.6	150.2	170.1	157.1	156.7	153.9	148.0	154.1	170.4	159.3	170.3	169.4
1985	169.6	168.4	161.0	184.8	169.7	169.5	165.2	157.2	166.2	184.8	169.0	178.3	182.3
1986	181.9	180.8	172.3	198.6	183.0	182.9	176.7	168.7	177.0	203.5	178.5	196.3	196.7
1987	196.9	192.8	187.6	214.7	198.4	197.5	189.7	182.0	190.9	225.1	190.6	210.2	210.1
1984 July	157.0	155.3	147.7	170.0	159.3	157.0	157.1	147.1	158.8	167.9	158.5	171.7	166.9
August	152.6	155.5	156.7	175.3	157.1	154.4	153.2	150.4	153.3	166.8	158.2	182.2	171.2
September	155.5	154.8	156.7	177.8	157.9	157.8	154.5	149.2	159.4	166.6	156.5	176.9	167.3
October	158.2	157.2	151.6	176.0	160.8	158.9	154.3	150.2	158.4	168.1	177.0	187.1	172.1
November	159.5	159.0	154.7	177.4	165.4	161.0	157.6	149.4	160.5	173.0	162.5	173.4	175.3
December	158.3	161.5	149.6	173.7	163.3	165.6	161.9	162.8	161.3	192.5	161.3	174.0	184.3
1985 January	163.1	162.3	160.6	174.1	163.9	158.1	159.6	153.0	158.9	174.6	164.2	170.9	182.4
February	164.2	162.9	156.2	175.0	164.2	162.1	159.7	149.5	159.0	174.3	169.1	173.7	178.0
March	166.6	167.0	154.3	179.5	165.9	169.4	161.6	151.3	162.3	190.4	166.4	172.4	179.5
April	167.0	166.9	158.7	182.9	167.0	167.6	167.3	152.8	164.6	178.0	165.4	173.0	178.6
May	168.9	167.3	163.6	188.3	169.9	165.5	164.1	156.3	164.6	185.1	165.2	174.7	177.9
June	172.1	171.3	158.4	188.3	171.3	171.7	165.1	156.2	164.3	184.9	170.9	173.4	172.7
July	172.0	168.3	161.7	187.1	171.0	171.6	165.8	156.8	168.2	187.1	167.6	179.7	177.2
August	168.5	166.9	171.7	185.9	170.2	167.1	164.1	159.8	170.1	181.0	167.4	190.1	181.5
September	171.3	169.6	165.2	189.5	169.7	174.0	167.1	160.2	167.0	182.8	172.8	190.2	196.4
October	172.5	169.0	166.5	188.6	171.6	172.6	164.9	159.9	166.3	183.3	172.2	180.0	185.5
November	174.5	171.6	165.8	192.5	175.7	176.4	167.7	159.8	177.5	185.5	173.1	177.3	186.4
December	174.5	177.1	159.4	190.8	176.1	178.4	175.0	171.0	171.3	210.0	173.7	183.6	191.8
1986 January	177.2	175.8	169.7	189.6	176.7	173.7	170.1	158.4	170.4	189.2	172.4	179.5	191.6
February	178.7	176.8	169.3	190.8	177.6	174.7	171.8	159.8	170.7	193.7	174.7	180.4	190.2
March	179.5	179.9	161.0	194.4	178.3	180.9	173.0	159.9	172.8	210.6	175.7	197.4	187.2
April	177.2	180.1	167.1	196.4	180.3	179.8	179.5	163.6	174.2	193.3	174.9	203.6	189.4
May	180.0	177.8	165.7	197.8	180.2	178.7	174.3	169.4	177.2	202.4	175.3	189.5	194.5
June	184.1	181.8	167.0	202.6	186.5	185.3	176.5	170.1	175.8	201.2	182.2	194.7	195.1
July	183.5	180.9	171.4	199.8	186.4	186.5	176.8	167.7	178.9	207.7	180.0	206.1	201.8
August	181.0	179.3	190.3	197.0	181.3	179.3	176.3	174.2	179.6	202.0	177.0	211.1	193.4
September	182.8	182.3	185.4	201.5	183.5	185.4	178.1	170.7	178.5	198.3	178.2	199.8	199.8
October	183.7	182.5	172.3	202.8	184.3	185.7	177.5	171.1	178.5	203.0	185.3	199.4	203.2
November	189.0	183.9	179.0	204.8	189.3	190.9	179.8	172.9	182.2	222.6	182.0	197.5	205.7
December	187.6	188.7	169.8	205.9	192.1	193.6	187.1	186.8	184.9	217.7	183.8	196.1	208.0
1987 January	188.5	187.1	184.8	205.2	189.9	186.6	183.3	171.8	177.0	210.3	184.2	196.0	206.3
February	192.3	186.6	168.3	208.4	190.5	189.4	181.4	173.3	179.2	209.5	184.3	199.9	202.8
March	194.8	193.2	174.6	210.5	195.6	196.6	185.4	176.2	187.7	231.1	186.0	197.4	201.7
April	188.0	186.5	175.9	211.0	191.2	194.4	192.8	182.8	191.9	217.6	185.5	197.2	205.8
May	193.7	192.1	184.2	213.4	198.0	192.9	187.8	182.4	190.9	221.5	186.6	217.7	208.2
June	200.5	193.6	188.0	217.3	199.7	199.4	189.9	179.8	191.2	235.4	188.4	206.9	206.2
July	201.8	195.3	184.8	215.6	201.1	200.2	189.2	176.8	195.2	221.7	195.7	222.1	215.1
August	197.6	191.4	189.7	215.3	196.2	196.0	189.9	181.0	189.4	219.0	191.2	226.9	207.8
September	199.0	193.2	190.9	219.8	198.1	199.4	192.0	180.8	189.9	222.8	193.9	211.1	213.8
October	200.3	193.8	207.0	218.2	199.4	200.4	189.6	184.2	194.9	228.0	195.4	214.2	213.0
November	205.1	196.7	199.5	220.2	207.9	205.1	193.8	190.6	201.8	247.6	197.3	213.3	216.8
December	201.5	202.1	183.4	221.0	213.3	210.0	201.5	203.8	201.8	236.7	199.0	220.1	223.8
1988 January	202.9	202.8	198.5	217.7	206.6	205.5	196.5	190.3	195.7	235.4	199.6	214.6	220.9
February	203.5	204.4	202.9	220.0	207.7	206.7	198.9	187.9	195.2	234.2	203.9	216.1	218.4
March	208.0	210.1	198.8	223.1	210.0	217.2	206.4	190.4	197.3	250.2	206.5	225.5	213.4
April	208.0	207.7	198.3	223.6	209.6	214.1	209.0	192.0	202.0	245.3	202.8	216.6	215.3
May	209.8	208.9	205.3	226.6	216.4	212.5	203.6	194.5	202.8	239.7	205.6	218.2	221.8
June	213.1	207.9	219.1	232.6	215.9	219.6	206.1	197.8	200.5	243.6	207.1	228.5	224.5

1. Excluding sea transport.

Source: Department of Employment

## 18.11 Average earnings index: all employees: main industrial sectors

Great Britain		Classified according to the Standard Industrial Classification 1980										Jan 1980=100	
		Whole economy (Divisions 0-9)			Manufacturing industries (Revised definition) (Divisions 2-4)			Production industries (Revised definition) (Divisions 1-4)					
Actual	Seasonally adjusted	Percentage change <sup>1</sup>	Underlying percentage change	Actual	Seasonally adjusted	Percentage change <sup>1</sup>	Underlying percentage change	Actual	Seasonally adjusted	Percentage change <sup>1</sup>	Underlying percentage change		
1980	111.4			109.1				109.4					
1981	125.8			123.6				124.1					
1982	137.6			137.4				138.2					
1983	149.2			149.7				150.0					
1984	158.3			162.8				158.5					
1985	171.7			177.6				176.2					
1986	185.3			191.2				190.8					
1987	199.8			200.7				206.1					
1984	January	152.7	154.7	7.1	7.4	155.9	157.0	9.0	9.4	154.9	156.0	7.9	9
	February	153.8	155.6	5.7	7.4	157.5	158.7	9.6	9.4	156.5	157.8	8.7	9
	March	154.2	154.4	5.5	7.4	159.3	159.2	9.8	9.4	154.3	153.7	5.8	9
	April	154.7	155.8	6.0	7.4	158.0	159.5	7.7	9.4	153.4	154.5	4.0	8
	May	155.7	156.0	5.0	7.4	160.6	159.5	7.6	9.4	155.7	154.7	4.2	8
	June	157.5	156.0	5.3	7.4	163.8	161.1	9.0	9.4	158.4	156.1	5.3	8
	July	159.6	158.2	5.3	7.4	164.6	162.9	8.8	9	159.5	157.6	5.1	8
	August	159.2	159.0	5.9	7.4	162.8	163.7	8.6	8.4	157.7	158.7	4.9	8
	September	159.9	160.2	6.3	7.4	164.5	166.1	9.0	8.4	159.7	161.4	5.5	8
	October	164.2	164.5	8.2	7.4	167.2	168.3	9.0	8.4	162.2	163.6	5.3	8
	November	162.8	162.0	6.5	7.4	169.1	168.1	8.0	8.4	164.4	163.4	5.6	8
	December	165.3	163.5	6.6	7.4	170.0	169.5	8.2	8.4	164.9	164.7	5.7	8
1985	January	163.4	165.5	7.0	7.4	170.5	171.7	9.4	8.4	165.9	167.1	7.1	8
	February	164.6	166.5	7.0	7.4	170.6	172.0	8.4	8.4	166.3	167.6	6.2	8
	March	168.1	168.3	9.0	7.4	173.9	173.8	9.2	8.4	171.7	171.0	11.3	8
	April	169.4	170.6	9.5	7.4	176.0	177.6	11.3	8.4	174.3	175.5	13.6	8
	May	169.4	169.7	8.6	7.4	175.6	174.4	9.3	9	174.2	173.2	12.0	8
	June	171.9	170.2	9.1	7.4	179.1	176.2	9.4	9	178.1	175.6	12.5	8
	July	173.7	172.2	8.8	7.4	180.2	178.3	9.5	9	179.9	177.8	12.8	8
	August	173.4	173.1	8.9	7.4	177.0	178.1	8.8	9	176.6	177.8	12.0	8
	September	176.1	176.4	10.1	7.4	179.8	181.5	9.3	9	179.8	181.7	12.6	8
	October	173.9	174.3	6.0	7.4	179.7	180.9	7.5	8.4	179.3	180.8	10.5	8
	November	176.8	175.9	8.6	7.4	184.0	182.9	8.8	8.4	183.5	182.4	11.6	8
	December	180.0	178.1	8.9	7.4	185.3	184.7	9.0	8.4	184.4	184.2	11.8	8
1986	January	176.9	179.1	8.2	7.4	184.1	185.5	8.0	8.4	184.1	185.5	11.0	8
	February	177.9	180.0	8.1	7.4	184.5	186.0	8.1	8.4	184.5	185.9	10.9	8
	March	182.4	182.6	8.5	7.4	187.0	186.9	7.5	8	186.8	186.0	8.8	8
	April	184.0	185.3	8.6	7.4	189.3	191.1	7.6	7.4	188.6	189.9	8.2	8
	May	182.3	182.6	7.6	7.4	188.5	187.1	7.3	7.4	187.7	186.6	7.7	8
	June	185.7	183.9	8.0	7.4	192.9	189.8	7.7	7.4	191.6	188.8	7.5	8
	July	187.9	186.3	8.2	7.4	192.5	190.5	6.8	7.4	192.2	189.9	6.8	8
	August	187.2	187.0	8.0	7.4	190.8	191.9	7.7	7.4	190.9	192.1	8.0	7
	September	186.8	187.1	6.1	7.4	192.1	194.0	6.9	7.4	191.9	193.9	6.7	7
	October	188.3	188.7	8.3	7.4	193.9	195.2	7.9	7.4	193.6	195.2	8.0	7
	November	191.2	190.2	8.1	7.4	198.4	197.1	7.8	7.4	197.8	196.6	7.8	8
	December	193.4	191.3	7.4	7.4	200.6	198.3	8.3	8	199.7	199.6	8.4	8
1987	January	190.4	192.8	7.6	7.4	198.5	200.0	7.8	7.4	198.4	199.9	7.8	7
	February	191.2	193.4	7.4	7.4	199.4	201.0	8.1	8	199.1	200.6	7.9	8
	March	194.5	194.6	6.7	7.4	201.2	201.1	7.6	8	200.7	199.8	7.4	8
	April	196.0	197.4	6.5	7.4	202.5	204.4	7.0	8	202.2	203.6	7.2	8
	May	198.1	198.5	8.7	7.4	203.8	202.4	8.2	8	202.8	201.6	8.0	8
	June	200.0	198.1	7.7	7.4	208.2	204.8	7.9	8.4	206.9	203.9	8.0	8
	July	203.1	201.3	8.1	7.4	209.8	207.6	9.0	8.4	208.9	206.4	8.7	8
	August	201.6	201.3	7.6	7.4	206.0	207.2	8.0	8.4	206.5	207.8	8.2	8
	September	201.4	201.8	7.9	7.4	208.2	210.3	8.4	8.4	207.8	209.9	8.3	8
	October	203.4	203.8	8.0	8	211.0	212.4	8.8	8.4	210.4	212.1	8.7	8
	November	207.3	206.3	8.5	8.4	214.0	212.7	7.9	8.4	213.5	212.2	7.9	8
	December	210.3	208.0	8.7	8.4	217.4	216.8	8.4	8.4	216.1	215.9	8.2	8
1988	January	206.9	209.5	8.7	8.4	215.2	216.8	8.4	8.4	214.3	215.8	8.0	8
	February	206.7	209.2	8.2	8.4	213.6	215.3	7.1	8.4	211.9	213.6	6.5	8
	March	213.1	213.3	9.5	8.4	219.0	218.9	8.9	8.4	217.9	217.0	8.6	8
	April	213.6	215.1	9.0	8.4	221.6	223.7	9.4	8.4	221.6	223.1	9.6	8
	May	213.2	213.6	7.6	8.4	221.9	220.3	8.8	8.4	221.7	220.4	9.3	8
	June	216.6	214.5	8.3	8.4	225.1	221.5	8.2	9	224.2	220.9	8.3	8

Note: The seasonal adjustment factors currently used for the SIC 1980 series are based on data up to December 1982.

A new service industries series has been introduced into Table 5.1 in *Employment Gazette* from the October 1986 issue.

1. Percentage change over previous twelve months.

Source: Department of Employment

Prices and wages

**18.12 Index of purchase prices of the means of agricultural production and of producer prices of agricultural products<sup>1</sup>**

1980 = 100

	Weights	1987		1988																											
				Annual average <sup>1</sup>		July		August		Sept-ember		Oct-ober		Nov-ember		Dec-ember		Jan-uary		Feb-ruary		March		April		May		June		July	
<b>Purchase prices</b>																															
Goods and services currently consumed	100.0	132.9	133.8	133.2	132.8	132.3	133.1	134.5	134.8	135.3	135.0	135.3	135.9	137.1	139.9																
Seeds	4.5	113.0	113.6	113.2	108.6	105.8	111.8	120.0	117.8	116.4	113.2	111.1	100.3	103.3	103.7																
production	1.1	188.0	202.0	201.4	195.1	188.5	179.8	186.3	185.8	195.8	194.4	197.6	196.3	204.9	204.9																
Energy, lubricants	8.5	142.2	143.1	149.4	147.0	142.7	143.2	145.6	147.3	148.1	140.1	143.8	149.6	146.5	147.1																
improvers	13.6	105.6	105.5	105.3	105.4	104.9	104.7	106.4	106.9	105.9	105.8	107.0	107.5	107.6	107.6																
Plant protection products	3.7	129.1	129.5	130.2	130.4	130.9	131.0	131.0	134.2	134.1	134.1	133.9	133.9	133.9	133.9																
Animal feedingstuffs	45.5	124.0	124.6	122.2	122.0	122.1	123.0	123.7	123.8	124.0	124.3	124.1	124.4	127.3	133.7																
Material and small tools of plant	3.5	143.8	144.3	144.5	145.4	145.4	145.5	147.1	148.9	149.4	149.6	150.4	151.0	151.4	151.4																
Maintenance and repair of buildings	6.4	169.2	169.9	170.7	170.9	171.3	172.4	173.1	175.6	176.6	179.6	179.0	179.7	179.8	179.8																
Veterinary services	3.7	161.3	162.5	161.7	162.8	163.5	165.4	167.4	166.7	166.9	170.4	170.6	170.5	171.5	171.3																
General expenses	1.8	159.8	160.2	160.2	163.3	163.3	163.3	163.3	163.3	163.3	163.3	163.3	163.3	163.3	163.3																
Goods and services contributing to investment in agriculture	7.7	174.0	176.8	176.7	176.6	176.8	177.7	178.0	176.7	181.0	181.7	182.1	185.9	183.7	182.1																
Machinery and other equipment	100.0	154.5	155.0	155.0	155.4	155.7	157.6	159.7	159.9	161.1	162.2	162.4	162.8	163.3	155.9																
Buildings	63.8	148.7	149.0	149.4	149.6	149.7	150.0	152.4	153.0	154.5	154.6	154.8	155.2	155.8	144.1																
<b>Producer prices</b>																															
All products	100.0	127.8	125.8	127.6	127.5	128.1	128.4	132.0	130.2	130.4	131.7	127.9	127.8	128.8	126.0																
All crop products	33.9	131.1	125.7	124.6	124.0	129.6	129.0	134.7	129.8	128.6	131.3	127.0	127.2	131.0	123.6																
Cereals	16.1	117.1	116.8	109.5	113.6	116.6	119.1	120.9	119.5	114.0	111.8	109.4	110.8	108.2	111.9																
Root crops	5.4	154.5	140.0	139.0	134.8	144.6	145.9	147.5	144.8	140.7	140.6	133.9	122.5	167.6	130.7																
Fresh vegetables	5.6	146.5	129.7	144.0	140.1	154.0	137.5	156.5	140.9	154.4	167.7	149.2	154.2	147.5	136.9																
Fresh fruit	1.8	148.0	152.6	175.0	142.3	134.3	142.1	135.6	131.1	153.0	169.9	188.9	185.5	204.4	186.1																
Seeds	1.2	112.7	117.3	110.1	109.2	103.5	113.0	121.1	117.7	115.7	110.6	106.9	97.8	99.1	99.3																
Flowers and plants	1.9	155.0	143.8	136.3	143.3	158.3	157.1	183.9	169.5	147.2	160.9	163.6	171.0	142.7	139.3																
Other crop products	1.9	108.6	111.1	104.2	106.7	107.2	108.1	107.5	107.1	107.5	108.1	108.5	109.2	110.1	103.9																
Animals and animal products	66.1	126.1	125.8	129.1	129.3	127.4	128.1	130.7	130.4	131.3	132.0	128.4	128.2	127.7	127.2																
Animals for slaughter	37.6	124.0	123.8	123.8	122.3	121.1	123.1	127.8	129.0	131.3	133.9	134.0	133.7	133.8	132.2																
Milk	22.5	137.2	137.7	147.1	150.1	147.3	144.2	143.3	141.5	141.4	139.1	131.2	131.0	129.7	130.2																
Eggs	5.6	97.0	92.6	93.8	94.7	91.3	98.4	100.8	96.8	92.3	92.0	80.4	81.6	80.2	83.5																
Other animal products	0.4	109.0	109.0	109.0	109.0	109.0	109.0	109.0	109.0	109.0	109.0	109.0	109.0	109.0	109.0																

1. Index numbers for the years 1975 to 1986 on 1980 = 100 base and also at a more detailed level are available from the Ministry of Agriculture, Fisheries and Food, Stats (CandP) A', Room A509, Government Buildings, Epsom Road, Guildford, Surrey GU1 2LD.

Source: Ministry of Agriculture, Fisheries and Food

# 19 Entertainment

## 19.1 Broadcasting receiving licences and cinemas

Broadcast receiving licences current		Cinemas <sup>1,2</sup>		
Television		Number of admissions	Gross box office takings	
Monochrome	Colour			
End of period			Weekly averages	
Thousands		Millions	£ million	
1980	5 022	13 500	1.92	2.70
1981	4 361	14 136	1.69	2.73
1982	3 946	14 448	1.26	2.25
1983	3 410	15 084	1.26	2.39
1984	3 014	15 667		
1985	2 733	15 887		
1986	2 497	16 408		
1987	2 283	16 902		
1984 March	3 261	15 370	0.76 *	1.68 *
April	3 244	15 427	1.11	2.08
May	3 220	15 433	0.92 *	1.90 *
June	3 205	15 477	0.91 *	1.72 *
July	3 184	15 518	1.13	2.09
August	3 154	15 502	1.23	2.13
September	3 111	15 471	0.91 *	1.74 *
October	3 092	15 598	0.93	1.85
November	3 047	15 615	0.98 *	1.89 *
December	3 014	15 667	1.45	2.59 *
1985 January	2 962	15 671	1.53	2.75
February	2 929	15 707	1.40	2.48
March	2 896	15 820	1.10 *	2.12 *
April	2 902	15 870	1.30	2.05
May	2 878	15 816	0.81	1.58
June	2 862	15 806		
July	2 863	15 873		
August	2 835	15 832		
September	2 820	15 895		
October	2 780	15 836		
November	2 750	15 814		
December	2 733	15 887		
1986 January	2 709	15 926		
February	2 693	15 971		
March	2 679	16 025		
April	2 684	16 190		
May	2 663	16 202		
June	2 657	16 293		
July	2 641	16 332		
August	2 615	16 331		
September	2 597	16 399		
October	2 556	16 386		
November	2 528	16 398		
December	2 497	16 408		
1987 January	2 453	16 429		
February	2 434	16 472		
March	2 414	16 539		
April	2 400	16 574		
May	2 409	16 647		
June	2 413	16 736		
July	2 395	16 748		
August	2 379	16 794		
September	2 359	16 824		
October	2 336	16 825		
November	2 307	16 874		
December	2 283	16 902		
1988 January	2 255	16 967		
February	2 239	17 094		
March	2 220	17 134		
April	2 203	17 158		
May	2 183	17 186		
June	2 165	17 204		
July	2 150	17 224		

1. Great Britain.

2. Monthly figures are no longer collected. From 23 May 1985, films showing to the public in cinemas are no longer registered with the Department of Trade and Industry.

Sources: Post Office  
Department of Trade  
and Industry

# 20 Weather

## 20.1 Temperature, rainfall and sunshine

	Mean daily air temperature at sea level				Rainfall				Mean daily sunshine						
	Average 1985 1951-1980		1986	1987	1988	Average 1985 1941-1970		1986	1987	1988	Average 1985 1951-1980				
	Degrees celsius <sup>1</sup>				Millimetres <sup>2</sup>				Hours						
<b>England and Wales</b>															
Annual mean or total	9.8	9.2	8.1	9.5		912	885	992	914		4.05	3.95	4.14	3.74	
January	4.0	1.3	4.1	1.4	5.8	86	72	120	30	154	1.61	1.71	1.85	1.69	1.74
February	4.1	2.8	-0.4	4.1	5.2	65	29	17	58	63	2.35	2.87	2.73	2.35	3.74
March	5.9	5.0	5.4	4.6	6.6 <sup>3</sup>	59	66	80	83	94 <sup>3</sup>	3.60	3.75	4.00	3.28	3.10 <sup>3</sup>
April	8.2	8.7	6.1	10.3	8.5 <sup>3</sup>	58	70	84	66	42	5.06	4.54	4.45	5.30	4.60 <sup>3</sup>
May	11.3	11.0	11.3	10.3	12.0 <sup>3</sup>	67	65	85	48	60 <sup>3</sup>	6.31	5.54	6.31	6.25	6.50 <sup>3</sup>
June	14.3	12.9	14.8	13.1		61	94	43	102		6.70	5.70	6.83	4.09	
July	16.0	16.4	16.1	16.2		73	73	54	77		5.91	6.32	5.98	5.61	
August	15.9	15.0	14.1	16.0		90	117	117	72		5.55	5.22	4.61	5.05	
September	14.0	14.9	11.9	14.2		83	46	27	67		4.59	4.45	5.69	5.05	
October	11.0	11.4	11.4	10.3		83	48	98	171		3.26	3.39	3.65	3.42	
November	7.1	4.7	8.3	7.2		97	77	124	81		2.10	2.69	2.50	1.76	
December	5.1	6.7	6.4	6.1		90	128	143	59		1.47	1.19	1.69	1.07	
<b>Scotland</b>															
Annual mean or total	8.5	7.6	7.9	8.2		1 431	1 505	1 642	1 353		3.51	3.26	3.53	3.30	
January	3.5	1.6	2.9	2.0	4.2	137	85	192	70	193	1.33	1.55	1.14	1.22	1.38
February	3.4	3.4	0.5	3.5	4.5	104	47	21	95	149	2.42	2.79	2.95	2.20	2.20
March	5.1	4.2	5.0	3.8	5.0 <sup>3</sup>	92	95	169	142	159 <sup>3</sup>	3.29	3.33	3.68	3.49	3.09 <sup>3</sup>
April	7.1	7.2	5.2	8.5	7.2 <sup>3</sup>	90	111	80	76	85 <sup>3</sup>	5.00	3.84	4.30	4.05	4.15 <sup>3</sup>
May	9.9	9.7	9.9	9.3	10.5 <sup>3</sup>	91	73	176	77	55 <sup>3</sup>	5.74	5.42	5.05	5.68	6.49 <sup>3</sup>
June	12.7	11.4	13.0	11.0		92	84	63	101		5.88	5.64	6.58	4.59	
July	13.9	14.1	13.8	14.3		112	167	87	120		4.86	3.79	4.18	3.89	
August	13.9	13.2	12.1	13.8		129	224	120	126		4.56	3.97	4.51	4.20	
September	12.2	11.9	10.7	11.9		137	200	66	160		3.65	3.03	4.31	4.93	
October	9.8	10.3	9.8	8.2		149	85	159	165		2.68	2.15	3.16	2.74	
November	6.0	3.4	7.1	6.4		142	141	232	107		1.66	1.58	1.64	1.49	
December	4.5	4.9	4.7	5.2		156	193	277	114		1.07	0.91	0.88	1.10	
<b>Northern Ireland</b>															
Annual mean or total	9.0	8.6	8.3	8.9		1 095	1 114	1 173	1 001		3.41	3.02	3.46	3.16	
January	4.0	1.3	3.6	3.2	4.5	104	76	155	49	167	1.47	1.80	1.22	1.47	1.73
February	4.2	4.2	1.3	4.2	4.8	75	38	5	63	112	2.31	2.32	2.63	2.40	
March	5.7	5.0	5.4	4.9	6.4 <sup>3</sup>	70	86	115	99	131 <sup>3</sup>	3.23	2.78	3.62	2.52	2.52 <sup>3</sup>
April	7.7	8.3	5.4	8.3	8.5 <sup>3</sup>	68	76	106	50	42 <sup>3</sup>	5.01	4.17	5.16	3.36	4.56 <sup>3</sup>
May	10.3	9.8	10.0	10.0	10.7 <sup>3</sup>	73	74	124	42	43 <sup>3</sup>	5.70	4.86	4.90	5.93	5.87 <sup>3</sup>
June	13.1	12.0	13.8	11.6		79	74	46	100		5.60	5.54	5.15	3.70	
July	14.4	14.5	14.3	15.1		93	118	74	82		4.25	3.27	2.68	3.53	
August	14.3	13.3	12.1	14.6		103	183	141	133		4.37	3.23	4.06	3.67	
September	12.6	13.6	11.3	12.2		107	156	10	96		3.50	2.73	5.32	4.97	
October	10.2	10.7	10.1	8.3		107	49	106	141		2.56	2.60	3.35	3.64	
November	6.4	4.3	7.1	7.0		102	86	131	80		1.81	1.85	2.35	1.70	
December	5.1	5.9	5.5	6.1		114	98	160	66		1.11	1.14	1.11	1.03	

1. To convert degrees celsius into fahrenheit: Multiply by 9, divide by 5, and add 32.

2. 1 millimetre = 0.0394 inches.

Source: Meteorological Office

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## Units of measurement

### I. Common units of measurement and their equivalents

#### Length

1 centimetre (cm)	= 1 millimetre (mm)	= 0.039 370 1	inches
1 metre (m)	= 10 millimetres	= 0.393 701	inches
1 kilometre (km)	= 1,000 millimetres	= 1.093 61	yards
	= 1,000 metres	= 0.621 371	miles
1 foot (ft.)	1 inch (in)	= 25.4 millimetres or 2.54 centimetres	
1 yard (yd.)	= 12 inches	= 0.304 8	metres
1 mile	= 3 feet	= 0.914 4	metres
	= 1,760 yards	= 1.609 34	kilometres

#### Area

1 square metre (m <sup>2</sup> )	= 1 square centimetre	= 0.16	square inches
1 hectare (ha)	= million square millimetres	= 1.195 99	square yards
1 square kilometre (km <sup>2</sup> )	= 10,000 square metres	= 2.471 05	acres
	= million square metres	= 247.105	acres
1 square foot (sq. ft.)	1 square inch (sq. in.)	= 645.16	square millimetres or 6.451 6 square centimetres
1 square yard (sq. yd.)	= 144 square inches	= 0.092 903 0	square metres or 929.030 square centimetres
1 acre	= 9 square feet	= 0.836 127	square metres
1 square mile (sq. mile)	= 4,840 square yards	= 4,046.86	square metres or 0.404 686 hectares
	= 640 acres	= 2.589 99	square kilometres or 258.99 hectares

#### Volume

1 cubic decimetre (dm <sup>3</sup> )	1 cubic centimetre (cm <sup>3</sup> )	= 0.061 023 7	cubic inches
1 cubic metre (m <sup>3</sup> )	= 1,000 cubic centimetres	= 0.035 314 7	cubic feet
	= million cubic centimetres	= 1.307 95	cubic yards
1 cubic yard (cu. yd.)	1 cubic foot (cu. ft.)	= 0.028 316 8	cubic metres or 28.316 8 cubic decimetres
	= 27 cubic feet	= 0.764 555	cubic metres

#### Capacity

1 litre (l)	= 1 cubic decimetre	= 0.220 0	gallons
1 hectolitre (hl)	= 100 litres	= 22.00	gallons
	1 pint	= 0.568	litres
2 pints	= 1 quart	= 1.137	litres
8 pints	= 1 gallon	= 4.546 09	cubic decimetres or 4.546 litres
36 gallons (gal.)	= 1 bulk barrel	= 1.636 56	hectolitres

#### Weight

1 kilogram (kg)	1 gram (g)	= 0.035 274 0	ounces
1 tonne (t)	= 10 hectograms	= 2.204 62	pounds
	= 1,000 kilograms	= 1.102 31	short tons or 0.984 2 long tons
1 pound avoirdupois (lb.)	1 ounce avoirdupois (oz.)	= 28.349 5	grams
1 hundredweight (cwt.)	= 16 ounces	= 0.453 592 37	kilograms
1 short ton	= 112 pounds	= 50.802 3	kilograms
1 long ton	= 2,000 pounds	= 907.184 74	kilograms or 0.907 184 74 tonnes
	= 2,240 pounds	= 1,016.05	kilograms or 1.016 05 tonnes
1 ounce troy	= 480 grains	= 31.103 5	grams

### II. Other units and equivalents used in the *Monthly Digest of Statistics*

#### Energy:

British thermal unit (Btu)	The amount of heat required to raise 1 lb. of water through 1 degree fahrenheit at or near 39.1 degrees fahrenheit
Therm	100,000 British thermal units
Gigawatt hour (GWh)	10 <sup>6</sup> kilowatt hours
Megawatt (MW)	10 <sup>6</sup> watt
Terawatt hour (TWh)	10 <sup>9</sup> kilowatt hours

#### Food and drink:

Butter	23,310 litres milk	= 1 tonne butter (average)
Cheese	10,070 litres milk	= 1 tonne cheese
Condensed milk	2,550 litres milk	= 1 tonne full cream condensed milk
Milk	2,953 litres skimmed milk	= 1 tonne skimmed condensed milk
Milk powder	1 million litres	= 1,030 tonnes
	8,054 litres milk	= 1 tonne full cream milk powder
	10,740 litres skimmed milk	= 1 tonne skimmed milk powder
Eggs	17,126 eggs	= 1 tonne (approximately)
Sugar	100 tons raw sugar	= 95 tonnes refined sugar
Beer	1 bulk barrel	= 36 gallons irrespective of gravity

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The *Monthly Digest of Statistics* provides basic information on 20 subjects including population, employment and prices, social services, production and output, energy, engineering, construction, transport, catering, national and overseas finance and the weather.

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